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PROPOSED PROGRAMME BUDGET FOR THE BIENNIUM 1992-1993*

PART IV. REGIONAL COOPERATION FOR DEVELOPMENT

Section 23. Economic Commission for Africa

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* The present document contains section 23 of the proposed programme budget for the biennium 1992-1993. The complete proposed programme budget will subsequently be issued in final printed form as Official Records of the General Assembly, Forty-sixth Session, Supplement No. 6 (A/46/6/Rev.1).

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SECTION 23. ECONOMIC COMMISSION FOR AFRICA

OVERVIEW

TABLE 23.1. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

DIRECT COSTS

(1) Regular budget

1990-1991 appropriation	Estimated additional requirements at revised 1991 rates				Total requirements at revised 1991 rates	Inflation in 1992 and 1993		1992-1993 estimates
	Revaluation of 1990-1991 resource base		Resource growth					
	$	%	$	%	$	$	%	
59 539.4 a/	(342.9)	(0.5)	1 942.1	3.2	61 138.6	5 951.2	9.7	67 089.8

Analysis of real growth (at revised 1991 rates)

(1) Total revalued 1990-1991 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
59 196.5	1 942.1	850.0	563.2	1 655.3	2.7%

a/ This figure includes an amount of $59,307,100 appropriated for the Economic Commission for Africa (former section 13 of the programme budget for the biennium 1990-1991) and an amount of $232,300 for language training (under former section 28C, Office of Human Resources Management, of the programme budget for the biennium 1990-1991).

TABLE 23.1 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	5 402.4	5 603.9
Total (a)	5 402.4	5 603.9
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Trust Fund for African Development	953.8	875.5
United Nations Environment Programme	-	327.0
United Nations Industrial Development Organization	94.2	-
African Development Bank	-	100.0
Islamic Development Bank	-	360.0
United Nations Development Programme	19 182.1	17 853.4
United Nations Population Fund	7 570.4	7 263.3
Food and Agriculture Organization of the United Nations	1 794.0	1 794.0
International Labour Organisation	218.0	228.0
Bilateral sources	2 007.6	5 124.0
Total (c)	31 820.1	33 925.2
Total (a), (b) and (c)	37 222.5	39 529.1

Total, direct costs	106 618.9

TABLE 23.2. ANALYSIS OF REVALUED 1990-1991 RESOURCE BASE (AT REVISED 1991 RATE)

(Thousands of United States dollars)

			Additional requirements							
			Delayed impact of 1990-1991 growth		Recosting at revised 1991 rates					
	1990-1991 appropriation (1)	Non-recurrent 1990-1991 items (2)	Established posts (3)	Other objects of expenditure (4)	Established posts (5)	Other objects of expenditure (6)	Special adjustments (7)	Total (8)	Net additional requirements (9) (8)-(2)	Total revalued 1990-1991 resource base (10) (1)+(9)
A. Executive direction and management	2 900.1	200.2	-	-	109.5	5.5	(418.8)	(303.8)	(504.0)	2 396.1
B. Programme of work										
1. Development issues and policies in the ECA region	10 170.6	632.4	-	-	329.6	73.2	(6 110.1)	(5 707.3)	(6 339.7)	3 830.9
2. Economic cooperation and integration in Africa	-	-	-	-	-	-	5 582.8	5 582.8	5 582.8	5 582.8
3. Agricultural and rural development	1 862.3	-	-	-	73.3	2.7	-	76.0	76.0	1 938.3
4. Marine affairs	54.5	-	-	-	-	2.4	-	2.4	2.4	56.9
5. Least developed, land-locked and island countries	-	-	-	-	-	-	540.0	540.0	540.0	540.0
6. Public administration and fiscal affairs	971.7	-	-	-	37.4	3.1	-	40.5	40.5	1 012.2
7. Social development	1 589.4	-	-	-	61.4	4.9	(553.3)	(487.0)	(487.0)	1 102.4
8. Advancement of women	-	-	-	-	-	-	568.5	568.5	568.5	568.5
9. Environment and development	440.3	37.0	-	-	15.0	2.5	-	17.5	(19.5)	420.8
10. Human settlements	566.7	-	-	-	21.7	4.3	-	26.0	26.0	592.7
11. Industrial development	3 059.6	-	-	-	112.1	21.1	-	133.2	133.2	3 192.8

TABLE 23.2 (continued)

	1990-1991 appropriation (1)	Non-recurrent 1990-1991 items (2)	Additional requirements: Delayed impact of 1990-1991 growth: Established posts (3)	Additional requirements: Delayed impact of 1990-1991 growth: Other objects of expenditure (4)	Additional requirements: Recosting at revised 1991 rates: Established posts (5)	Additional requirements: Recosting at revised 1991 rates: Other objects of expenditure (6)	Additional requirements: Special adjustments (7)	Additional requirements: Total (8)	Net additional requirements (9) (8)-(2)	Total revalued 1990-1991 resource base (10) (1)+(9)
12. Trade development and cooperation	2 490.2	-	-	-	96.5	7.1	(773.6)	(670.0)	(670.0)	1 820.2
13. External debt crisis	-	-	-	-	-	-	327.4	327.4	327.4	327.4
14. Monetary and financial policies and strategies	-	-	-	-	-	-	446.2	446.2	446.2	446.2
15. Natural resources	1 905.5	-	-	-	76.2	4.5	5.2	85.9	85.9	1 991.4
16. Energy, including new and renewable	544.8	-	-	-	21.7	0.9	-	22.6	22.6	567.4
17. Science and technology for development	585.8	-	-	-	21.7	2.7	-	24.4	24.4	610.2
18. Population	1 199.5	-	-	-	47.2	3.5	5.2	55.9	55.9	1 255.4
19. Transport and communications	2 525.3	-	-	-	98.9	7.0	(197.9)	(92.0)	(92.0)	2 433.3
20. Tourism	-	-	-	-	-	-	197.9	197.9	197.9	197.9
21. Statistical development	2 411.5	-	-	-	96.8	2.8	5.2	104.8	104.8	2 516.3
C. Programme support	26 261.6	2 023.1	90.1	-	673.1	364.7	430.0	1 557.9	(465.2)	25 796.4
Total	59 539.4	2 892.7	90.1	-	1 892.1	512.9	54.7 a/	2 549.8	(342.9)	59 196.5

a/ This net amount represents the transfer of resources from section 1, Overall policy-making, direction and coordination relating to the attendance of ECA's staff at meetings of the Committee for Programme and Coordination (see table 1.5); and from section 11E. Policy-making organs (economic and social activities) relating to the attendance of ECA's staff at meetings of the functional commissions of the Economic and Social Council (see table 11E.1); in addition, resources within ECA have been redistributed in line with the requirements of the new subprogramme structure.

TABLE 23.3. REGULAR BUDGET, DIRECT COSTS: SUMMARY OF 1992-1993 REQUIREMENTS AND RATES OF REAL GROWTH

(Thousands of United States dollars)

	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates		Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates	Rate of real growth %
		Revaluation of 1990-1991 resource base	Resource growth				
A. Executive direction and management	2 900.1	(504.0)	-	2 396.1	208.5	2 604.6	-
B. Programme of work							
1. Development issues and policies in the ECA region	10 170.6	(6 339.7)	950.8	4 781.7	343.7	5 125.4	2.6
2. Economic cooperation and integration in Africa	-	5 582.8	484.8	6 067.6	586.0	6 653.6	16.1
3. Agricultural and rural development	1 862.3	76.0	190.6	2 128.9	184.8	2 313.7	9.8
4. Marine affairs	54.5	2.4	-	56.9	8.1	65.0	-
5. Least developed, land-locked and island countries	-	540.0	10.0	550.0	47.0	597.0	1.8
6. Public administration and fiscal affairs	971.7	40.5	23.0	1 035.2	89.4	1 124.6	2.2
7. Social development	1 589.4	(487.0)	(447.7)	654.7	55.2	709.9	(40.6)
8. Advancement of women	-	568.5	(110.0)	458.5	41.9	500.4	(19.3)
9. Environment and development	440.3	(19.5)	-	420.8	36.9	457.7	-
10. Human settlements	566.7	26.0	-	592.7	51.0	643.7	-
11. Industrial development	3 059.6	133.2	(74.4)	3 118.4	275.1	3 393.5	(2.3)
12. Trade development and cooperation	2 490.2	(670.0)	-	1 820.2	156.8	1 977.0	-
13. External debt crisis	-	327.4	35.0	362.4	32.9	395.3	10.6
14. Monetary and financial policies and strategies	-	446.2	-	446.2	39.2	485.4	-
15. Natural resources	1 905.5	85.9	(10.0)	1 981.4	172.0	2 153.4	(0.5)
16. Energy, including new and renewable	544.8	22.6	30.7	598.1	51.9	650.0	5.4
17. Science and technology for development	585.8	24.4	-	610.2	53.6	663.8	-

TABLE 23.3 (continued)

	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates	Rate of real growth %
18. Population	1 199.5	55.9	-	1 255.4	108.6	1 364.0	-
19. Transport and communications	2 525.3	(92.0)	48.3	2 481.6	212.6	2 694.2	1.9
20. Tourism	-	197.9	-	197.9	17.2	215.1	-
21. Statistical development	2 411.5	104.8	7.7	2 524.0	221.5	2 745.5	0.3
C. Programme support	26 261.6	(465.2)	803.3	26 599.7	2 957.3	29 557.0	3.6
Total	59 539.4	(342.9)	1 942.1	61 138.6	5 951.2	67 089.8	2.7

TABLE 23.4. REGULAR BUDGET, DIRECT COSTS: SUMMARY OF 1992-1993 REQUIREMENTS AND RATES OF REAL GROWTH, BY OBJECT OF EXPENDITURE

(Thousands of United States dollars)

Objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates	Rate of real growth %
Established posts	28 810.9	1 252.5	417.2	30 480.6	2 649.8	33 130.4	2.5
Temporary assistance	1 943.1	85.0	(149.4)	1 878.7	267.1	2 145.8	(7.3)
Consultants	415.3	(14.3)	-	401.0	56.4	457.4	-
Overtime	175.7	7.7	-	183.4	26.0	209.4	-
Ad hoc expert groups	206.4	16.9	50.0	273.3	38.1	311.4	22.3
Temporary posts	378.0	(117.0)	-	261.0	22.1	283.1	-
Common staff costs	17 005.8	296.2	238.6	17 540.6	1 574.9	19 115.5	2.5
Representation allowances	9.2	-	-	9.2	-	9.2	-
Travel of staff	1 875.7	(141.5)	-	1 734.2	246.4	1 980.6	-
Contractual services	110.9	4.9	-	115.8	16.4	132.2	-
Staff training	200.7	8.9	760.7	970.3	138.0	1 108.3	362.9
External printing and binding	128.3	5.7	-	134.0	19.1	153.1	-
General operating expenses	369.1	17.5	-	386.6	55.0	441.6	-
Rental and maintenance of premises	594.0	26.2	(100.0)	520.2	74.0	594.2	(16.1)
Utilities	682.9	47.6	(100.0)	630.5	89.6	720.1	(13.6)
Rental of furniture and equipment	635.8	5.9	90.0	731.7	104.0	835.7	14.0
Communications	1 331.8	58.6	(215.0)	1 175.4	167.2	1 342.6	(15.4)
Hospitality	16.1	0.7	-	16.8	2.4	19.2	-
Miscellaneous services	429.3	13.3	-	442.6	63.0	505.6	-
Supplies and materials	1 792.2	78.7	(100.0)	1 770.9	251.8	2 022.7	(5.3)
Furniture and equipment	2 036.0	(1 604.2)	200.0	631.8	89.9	721.7	46.3
Grants	392.2	(392.2)	850.0	850.0	-	850.0	-
Total	59 539.4	(342.9)	1 942.1	61 138.6	5 951.2	67 089.8	2.7

TABLE 23.5. POST REQUIREMENTS

Organizational unit: Economic Commission for Africa

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
USG	1	1	-	-	-	-	1	1
D-2	1	1	-	-	-	-	1	1
D-1	16	16	-	-	2	2	18	18
P-5	37	40	1	1	15	18	53	59
P-4	54	56	-	-	21	25	75	81
P-3	72	74	1	1	17	18	90	93
P-2/1	30	30	-	-	19	19	49	49
Total	211	218	2	2	74	82	287	302
Other categories								
Local level	374	374	2	2	91	93	467	469
Total	374	374	2	2	91	93	467	469
Grand total	585	592	4	4	165	175	754	771

23.1 The programme of work of the Economic Commission for Africa (ECA) is derived from Programme 30, Regional cooperation for development in Africa, of the medium-term plan for the period 1992-1997. The programme is aimed at facilitating concerted action for the economic development of Africa, including its social aspects, and maintaining and strengthening economic cooperation in the region and the cooperation of the African countries with other countries of the world. In that context, the activities will continue to address the issues of sustainable African economic recovery, development and cooperation as mandated in various resolutions adopted by the General Assembly, the Economic and Social Council and the Commission itself. Specifically the activities will focus on promotion of policy reform measures to bring about structural changes in the region in line with the objectives of the Lagos Plan of Action, the United Nations Programme of Action for African Economic Recovery and Development 1986-1990 (UNPAAERD) and the African Alternative Framework to Structural Adjustment Programmes for Socio-Economic Recovery and Transformation. Particular attention will be paid to the economic development and integration of the least developed, land-locked and island countries, and the identification and formulation of subregional projects in such critical sectors as food and agriculture, industry, transport and communications, and energy.

23.2 The Commission provides overall direction to the work of its secretariat, which has primary responsibility for the implementation of activities programmed under this section. The Commission is a subsidiary body of the Economic and Social Council, established by Council resolution 671 (XXV) of 25 April 1958. The Commission meets annually for five days. Its principal policy-making organ is the Conference of Ministers. In the organization of its work, the Conference is supported by its Technical Preparatory Committee of the Whole. The Commission has a number of principal subsidiary bodies: the Conferences of African Ministers of Tourism; Environment; Social Affairs; Industry; Finance; Transport and Communications and Planning; Human Resources Planning, Development and Utilization; Least Developed Countries; Trade and their subsidiary bodies; The Joint Conference of African Planners; Statisticians and Demographers; the Intergovernmental Committee for Human Settlement and Environment; the African Regional Coordinating Committee for the Integration of Women in Development; the Technical Committee on Nuclear Science and Technology; the Regional Conference on Development and Utilization of Mineral Resources in Africa; the Committees of Intergovernmental Experts of the multinational programming and operational centres (MULPOCs), the Conference of Vice-Chancellors, Presidents and Rectors of Institutions of Higher Learning in Africa, the Committee of Nile Basin Countries and the Technical Committee for Pan-African Development Information System.

23.3 The secretariat of the Commission will provide substantive and technical services to the Conference of Ministers and its subsidiary machinery, including economic and social analyses and research of specific issues, organization of seminars and other events in member countries and for groups of countries, technical cooperation activities in the region, dissemination of information and advisory assistance to Member States.

23.4 In the course of the implementation of its programme of work, ECA will continue to collaborate with relevant specialized agencies and United Nations programmes, including subsidiary organs of the Economic and Social Council. It will also maintain close coordination with intergovernmental and non-governmental organizations and institutions of the region on issues related to its programme of work.

23.5 The estimated percentage distribution of the total resources of the Commission in 1992-1993 would be as follows:

		Regular budget	Extrabudgetary
		(percentage)	
A.	Executive direction and management	3.9	1.6
B.	Programme of work	52.0	86.9
C.	Programme support	44.1	11.5
	Total	100.0	100.0

23.6 Within the programme of work, the estimated percentage distribution of resources among subprogrammes would be as follows:

		Regular budget	Extrabudgetary
		(percentage)	
Subprogramme 1.*	Development issues and policies in the ECA region	14.7	5.0
Subprogramme 2.*	Economic cooperation and integration in Africa	19.1	6.2
Subprogramme 3.*	Agricultural and rural development	6.6	18.3
Subprogramme 4.	Marine affairs	0.2	0.7
Subprogramme 5.	Least developed, land-locked and island countries	1.7	-
Subprogramme 6.	Public administration and fiscal affairs	3.2	-
Subprogramme 7.	Social development	2.0	2.7
Subprogramme 8.	Advancement of women	1.4	5.2
Subprogramme 9.	Environment and development	1.3	0.9
Subprogramme 10.	Human settlements	1.8	9.4
Subprogramme 11.*	Industrial development	9.8	18.4

* High priority.

		Regular budget	Extrabudgetary
		(percentage)	
Subprogramme 12.	Trade development and cooperation	5.7	-
Subprogramme 13.	External debt crisis	1.1	-
Subprogramme 14.	Monetary and financial policies and strategies	1.4	-
Subprogramme 15.	Natural resources	6.2	0.5
Subprogramme 16.*	Energy, including new and renewable	1.8	-
Subprogramme 17.	Science and technology for development	1.9	6.4
Subprogramme 18.	Population	3.9	15.3
Subprogramme 19.*	Transport and communications	7.7	0.7
Subprogramme 20.	Tourism	0.7	-
Subprogramme 21.	Statistical development	7.8	10.4
	Total	100.0	100.0

* High priority.

A. Executive direction and management

TABLE 23.6. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 630.8	(191.4)	-	1 439.4	120.7	1 560.1
Temporary posts	127.4	(127.4)	-	-	-	-
Common staff costs	1 004.3	(181.9)	-	822.4	70.1	892.5
Representation allowances	9.2	-	-	9.2	-	9.2
Travel of staff	128.4	(3.3)	-	125.1	17.7	142.8
Total	2 900.1	(504.0)	-	2 396.1	208.5	2 604.6

TABLE 23.6 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	520.2	367.2
Total (a)	520.2	367.2
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Trust Fund for African Development	190.0	250.0
Total (c)	190.0	250.0
Total (a), (b) and (c)	710.2	617.2
Total		3 221.8

TABLE 23.7. POST REQUIREMENTS

Executive direction and management

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
USG	1	1	-	-	-	-	1	1
D-2	1	1	-	-	-	-	1	1
D-1	1	1	-	-	-	-	1	1
P-5	2	2	-	-	1	1	3	3
P-4	2	2	-	-	-	-	2	2
P-3	3	3	-	-	-	-	3	3
Total	10	10	-	-	1	1	11	11
Other categories								
Local level	11	11	-	-	3	3	14	14
Total	11	11	-	-	3	3	14	14
Grand total	21	21	-	-	4	4	25	25

23.7 The Office of the Executive Secretary provides overall direction, supervision and management of the secretariat of ECA in the implementation of its legislative mandates and its approved programme of work. In addition, the Office is responsible for the preparation of reports to the ECA Conference of Ministers on follow-up action required or taken on relevant resolutions of the General Assembly, the Economic and Social Council and the Conference itself, and periodic reports on the proposed modified biennial programme of work and its priorities and implementation and evaluation of the approved programme of work of ECA.

Resource requirements (at revised 1991 rates)

Travel of staff

23.8 The estimated requirements ($125,100) relate to attendance at meetings within and outside the region, including meetings of the General Assembly, the Economic and Social Council and their subsidiary organs, as well as consultations with Governments, intergovernmental and non-governmental organizations.

B. Programme of work

1. Development issues and policies in the ECA region

TABLE 23.8. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	5 044.9	(2 820.7)	78.2	2 302.4	189.2	2 491.6
Temporary assistance	382.9	(360.8)	-	22.1	3.2	25.3
Consultants	52.8	(9.7)	-	43.1	6.0	49.1
Ad hoc expert groups	41.9	3.6	10.0	55.5	8.0	63.5
Common staff costs	2 882.3	(1 611.3)	44.6	1 315.6	109.8	1 425.4
Travel of staff	683.0	(502.8)	(32.0)	148.2	21.1	169.3
Contractual services	110.9	(110.9)	-	-	-	-
External printing and binding	42.9	1.9	-	44.8	6.4	51.2
General operating expenses	369.1	(369.1)	-	-	-	-
Supplies and materials	96.1	(96.1)	-	-	-	-
Furniture and equipment	71.6	(71.6)	-	-	-	-
Grants	392.2	(392.2)	850.0	850.0	-	850.0
Total	10 170.6	(6 339.7)	950.8	4 781.7	343.7	5 125.4

TABLE 23.8 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Development Programme	1 382.1	1 520.0
Bilateral sources	140.9	190.5
Total (c)	1 523.0	1 710.5
Total (a), (b) and (c)	1 523.0	1 710.5
Total		6 835.9

TABLE 23.9. POST REQUIREMENTS

Development issues and policies in the ECA region

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	3	3	-	-	1	1	4	4
P-4	5	4	-	-	2	2	7	6
P-3	7	8	-	-	2	2	9	10
P-2/1	4	5	-	-	1	2	5	7
Total	20	21	-	-	6	7	26	28
Other categories								
Local level	11	12	-	-	7	8	18	20
Total	11	12	-	-	7	8	18	20
Grand total	31	33	-	-	13	15	44	48

Subprogramme 1. Development issues and policies in the ECA region*

23.9 The subprogramme addresses the need for the continuous promotion of the process of economic and social development and growth in Africa and the encouragement of a regional approach to development and social analysis and planning in the context of the Lagos Plan of Action and the African Alternative Framework for Structural Adjustment Programmes for Socio-Economic Recovery and Transformation through support to countries and subregions. In particular, the subprogramme will aim at: the elaboration of long-term perspectives and plans, the formulation of long-term, medium-term and short-term strategies and policies, and the development and strengthening of national capacities in short-term and medium-term forecasting, planning and modelling for better integration and coordination of short-term and medium-term objectives. Within this scope, the subprogramme will assist in the planning, management, monitoring and evaluation of human resources development and utilization. It will also focus on policy and institutional development for enhancing the capability of Member States to collect, store, retrieve and disseminate information on issues of African development.

Activities:

1. Parliamentary services

Parliamentary documentation: five reports to the Conference of Ministers (seventeenth and eighteenth sessions) on: economic reports for Africa (2);* progress in implementation of activities on the operationalization of regional development strategies (2); social situation in the region; two reports to the Conference of the African Ministers of Social Affairs on social development and policy challenges in Africa; and on the progress of the implementation of the African Charter for Social Action; three reports to the Joint Conference of African Planners, Statisticians and Demographers on short-term forecasting and outlook for some individual African countries;* on the future role of planning in Africa's development and socio-economic transformation; and on the structure of African markets in the perspectives of the African Common Market.

2. Published materials

(a) Eleven recurrent publications:

(i) Annual: Survey of Economic and Social Conditions in Africa;* Economic Bulletin for Africa; Trends and issues in African education;* non-formal education and development; human resources in Africa: Issues and trends; Administration of grants and fellowships; job vacancies in Africa; African experts available for recruitment; training information notice;

(ii) Quarterly: PADIS newsletter on Development Information in Africa; Development research papers series;

(b) Seventeen non-recurrent publications: The African debt crisis: policy challenges and prospects for the 1990s; Trade liberalization policies in the context of stabilization and structural adjustment programmes; an assessment of

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* High priority.

policy constraints in the implementation of the "Health Programme for All by the Year 2000 in Africa"; implications of differential access to education among males and females in Africa; social security schemes and national development in Africa: an agenda for the 1990s; subregional cooperation outlook in the context of the structure of the African Common Market: a case study; study on wage determination and labour costs in Africa; measures for solving educated and graduate unemployment in African countries; the Programme for exchange of high-level manpower among African countries; Planning, development and utilization of human resources for agro-industrial development; analysis of the magnitude and causes of brain drain;* strategies for increasing effectiveness of human resources in priority areas for socio-economic development; problems of and constraints on productivity in agriculture; papers of the fifth Conference of Vice-Chancellors, Presidents and Rectors of Institutions of Higher Learning in Africa; Papers of the fourth Conference of Ministers Responsible for Human Resources Planning, Development and Utilization; Problems, constraints and methods of identifying alternative sources of financing higher education in Africa; the refinement of human resources development indicators for use in planning by African countries;

(c) Technical material: database on social and economic, scientific and technical aspects of development in Africa; and on African experts in social and economic, scientific and technical aspects of development in Africa.

3. Two ad hoc expert group meetings on socio-economic developments in the Africa region, and on the assessment of confidence-building factors in school curricula.

4. Operational activities

(a) Advisory services on:* development planning of monetary, fiscal and financial issues; policy formulation and design, plan preparation and evaluation; economic projections and forecasts, economic surveys, and economic studies at the country and subregional levels;

(b) Group training (XB): seven regional/subregional seminars and workshops on formal education (2); employment and productivity enhancement and human resources policies, and programmes (4); and policies and programmes for invigorating the informal sector (1);

(c) Field projects on: programme for Africa: return of skills (in cooperation with the International Organization of Migration); PADIS: enhancement of information capabilities of Member States (XB).

5. Coordination, harmonization and liaison: participation in activities of the Administrative Committee on Coordination and its subsidiary bodies on issues of long-term development objectives for Africa; Inter-agency Steering Committee of Social Dimension of Adjustment; Inter-agency meetings on National Long-term Perspective Studies and Social Dimensions of Adjustment; coordination of activities of the United Nations Institute for Economic Development and Planning;

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* High priority.

coordination with the United Nations Educational, Scientific and Cultural Organization (UNESCO) on human resources planning, development and utilization; contribution in activities of the Inter-agency Task Force meeting on human resources development and utilization in Africa.

Resource requirements (at revised 1991 rates)

Redeployment of posts

23.10 The redeployment of one P-3 post from subprogramme 6, Public administration and fiscal affairs, and one P-2 and one General Service (Local level) posts from subprogramme 7, Social development, is proposed. At the same time, one P-4 post is proposed for redeployment from this subprogramme to subprogramme 6.

Temporary assistance

23.11 The requirements of $22,100 are for engaging national experts to collect information in connection with the preparation of the annual Survey of Economic and Social Conditions in Africa.

Consultants

23.12 The estimated requirements of $43,100 relate to specialized expertise required for conducting studies and research for reports and publications to be issued in the context of the work programme.

Ad hoc expert groups

23.13 The estimated requirements of $55,500, involving a resource growth of $10,000, relate to the convening of two expert group meetings to study performance of the African economies in the light of social and economic conditions in the region and to assess confidence-building factors in school curricula.

Travel of staff

23.14 The requirements under this heading of $148,200 relate to attendance at meetings, seminars and other activities to be organized in the region in the context of the work programme and trips for collection of data and information for the preparation of reports and other documents.

External printing and binding

23.15 The requirements of $44,800 relate to the publishing of the Annual Survey of Economic and Social Conditions in Africa.

Grants

23.16 A non-recurrent provision of $850,000 relates to a grant to the African Institute for Economic Development and Planning (IDEP) to finance the posts of the Director (D-1), Chief of Administration (P-5) and two senior lecturers (P-4). It would be recalled that following a request by the Economic and Social Council that the General Assembly approve the inclusion of four posts of IDEP in the United Nations regular budget, the Assembly in section V of its resolution 45/248 A, upon

recommendation by the Advisory Committee on Administrative and Budgetary Questions, approved, as an interim measure, a subvention from the regular budget for 1990-1991 to finance four posts of IDEP and at the same time requested the Governing Council of UNDP to urge the Administration of UNDP to give full backing to the short-term training programme and the research and advisory services of IDEP and to continue its support for the activities of the Institute. The action taken by the Governing Council on this request will be reported to the General Assembly at its forty-sixth session. In the meantime, a subvention for 1992-1993 is proposed.

2. Economic cooperation and integration in Africa

TABLE 23.10. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates		Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
		Revaluation of 1990-1991 resource base	Resource growth			
Established posts	-	2 701.4	294.4	2 995.8	248.3	3 244.1
Temporary assistance	-	377.0	-	377.0	53.5	430.5
Consultants	-	12.0	-	12.0	1.8	13.8
Common staff costs	-	1 543.2	168.4	1 711.6	144.3	1 855.9
Travel of staff	-	271.8	22.0	293.8	41.8	335.6
Contractual services	-	115.8	-	115.8	16.4	132.2
General operating expenses	-	386.6	-	386.6	55.0	441.6
Supplies and materials	-	100.1	-	100.1	14.2	114.3
Furniture and equipment	-	74.9	-	74.9	10.7	85.6
Total	-	5 582.8	484.8	6 067.6	586.0	6 653.6

TABLE 23.10 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	75.4	118.4
Total (a)	75.4	118.4
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNDP	5 894.8	2 016.6
Total (c)	5 894.8	2 016.6
Total (a), (b) and (c)	5 970.2	2 135.0
Total		8 788.6

TABLE 23.11. POST REQUIREMENTS

Economic cooperation and integration in Africa

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	5	5	-	-	-	-	5	5
P-5	4	6	-	-	-	-	4	6
P-4	3	5	-	-	2	2	5	7
P-3	7	8	-	-	2	2	9	10
P-2/1	2	2	-	-	5	5	7	7
Total	21	26	-	-	9	9	30	35
Other categories								
Local level	19	19	-	-	4	4	23	23
Total	19	19	-	-	4	4	23	23
Grand total	40	45	-	-	13	13	53	58

Subprogramme 2. Economic cooperation and integration in Africa*

23.17 The activities planned under this subprogramme comprise those of five MULPOCs located in Niamey, Tangier, Gisenyi, Yaoundé and Lusaka and related subregional activities of a coordinating nature by ECA, the secretariat in Addis Ababa. The activities during the biennium 1992-1993 will be aimed at making the integration process in Africa more operational. To this end, special attention will be paid to making more effective the instruments for economic cooperation and integration of the Africa region. At the subregional level, the subprogramme aims at: strengtnening the capacity of intergovernmental organizations as effective instruments of self-sustaining and self-reliant development; assisting African countries and their intergovernmental organizations in the identification and implementation of integration projects; advancing proposals for the harmonization and rationalization of the integration projects; advancing proposals for the harmonization and rationalization of the integration activities of various intergovernmental organizations; reviewing and appraising the integration activities planned and undertaken by intergovernmental organizations. At the regional level, the subprogramme will continue to identify and promote South-South cooperation activities in order to enhance economic cooperation and integration in Africa. It will also provide assistance to the secretariat of the Organization of African Unity (OAU) in the creation of an African economic community. The subprogramme will also assist African countries and their intergovernmental organizations in the identification of projects and areas suitable for cooperation between two or more subregions especially in the context of the future African economic community.

Activities:

1. International cooperation

External relations: assistance by MULPOCs to regional and subregional intergovernmental and non-governmental organizations towards the harmonization and coordination of their activities in their respective fields of responsibility; consultations within the Joint OAU/ECA/African Development Bank secretariat as regards the establishment, functioning of and assistance to the African Economic Community.

2. Parliamentary services

Parliamentary documentation: Tangier-based MULPOC: a report to the Commission through the Committee of Intergovernmental Experts of the Tangier-based MULPOC on preventive measures against locusts and grasshoppers invasion in North Africa.

3. Published materials

(a) Nine recurrent publications: bulletin of ECA-sponsored institutions; pamphlet on activities of Lusaka MULPOC (2); women and development (2) (Gisenyi-based MULPOC); small-scale food industry technologies and their use in rural areas of the Economic Community of the Great Lakes Countries (2)

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* High priority.

(Gisenyi-based MULPOC); Bulletin of West African Intergovernmental Organizations (Niamey-based MULPOC); Current Agricultural Research Information System (CARIS) Directory for the Yaoundé-based MULPOC subregion;

(b) Twenty-three non-recurrent publications:

(i) Commission's secretariat: statute of African multinational enterprises in charge of integration projects; coordination and harmonization scheme for use by the African Economic Community in its relationship with subregional economic groupings;* proposals for strengthening African chambers of commerce and industry with a view to making them participate effectively in the economic integration process;* relationship between subregional groupings with emphasis on problems arising from multiple membership and statute of associate membership in subregional economic groupings; rationalization and harmonization of economic integration structure in Central Africa with a view to fostering inter-subregional integration and facilitating the operations of the African Economic Community; role of self-financing mechanisms and participation of socio-economic groups in the strengthening of subregional economic groupings;* the implications of the African Alternative Framework for Structural Adjustment Programmes for Socio-Economic Recovery and Transformation for economic integration at the subregional level;

(ii) Gisenyi-based MULPOC: proposals for the establishment of a multinational company for transport operations on lakes Kivu and Tanganyika;* food conservation technologies in the countries of the Economic Community of the Great Lakes and proposals for their improvement;

(iii) Niamey-based MULPOC: industrial processing of leguminous plants in West African coastal countries and their marketing in Sahel countries; proposals for improving the intercountry marketing of sheep and goats in West Africa through the creation of equipped corridors; compendium of results of West African agricultural research centres in the field of improved seeds and modalities; possibilities of disseminating the experience of Burkina Faso in small dams and related fishing and vegetable development projects; policies and strategies for producing, processing and consuming local foodstuffs in West Africa and proposals for enhancing subregional food self-sufficiency;

(iv) Tangier-based MULPOC: promotion and strengthening of economic integration in North Africa: issues, modalities and strategies;* proposals for fostering trade in agricultural products as a step towards the establishment of an Agriculture Common Market in North Africa; study of the establishment of a Wheat and Cereal Authority in North Africa; strategy for sustainable land development in North Africa maritime areas;

(v) Yaoundé-based MULPOC: possible impact of the subregional structural adjustments programme through the recasting of fiscal and customs instruments as well as sectoral restructuring of the Economic Community of Central African States and the Central African Customs and Economic Union on economic integration process in Central Africa;* impact of currency exchange rate fluctuations on intra-subregional trade liberalization scheme; monetary and financial relations in

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* High priority.

the Economic Community of Central African States in the light of the 1992 European Single Market and its implications for members of the Central African Custom and Economic Union; proposals for the establishment of a pooling system to enhance subregional airlinks in Central Africa; proposals for the establishment of a subregional food technology centre as a pilot project for the development of food processing industries in the subregion.

4. Three ad hoc expert group meetings on: interlinking post-apartheid South Africa economy with those of other subregions (XB); the establishment of multinational enterprises (to be organized by the Lusaka-based MULPOC) (XB); the impact of currency exchange rate fluctuations on economic cooperation and integration process in Central Africa (to be organized by the Yaoundé-based MULPOC) (XB).

5. Operational activities

(a) Advisory services to be provided by:

(i) The Commission's secretariat to: Federation of Chambers of Commerce and Industry for the promotion and establishment of multinational ventures and for developing technical cooperation projects which can be implemented with other developing countries;* Member States on regional approach to maritime environment for fight against pollution, desertification, deforestation and protection of maritime resources;

(ii) Lusaka-based MULPOC: mining and mineral resources development and utilization; human resources capacity and capability development;*

(iii) Gisenyi-based MULPOC: the Economic Community of Central African States, the Economic Community of the Great Lakes Countries and the Kagera Basin Organization in selection, formulation and programming of economic integration projects;*

(iv) Niamey-based MULPOC: the Economic Community of West African States, the Economic Community of West Africa and subregional organizations in selection, formulation and programming of economic integration projects;

(v) Yaoundé-based MULPOC: practical modalities for the implementation of the Economic Community of Central African States industrial master plan;* formulation of common policies in the field of agriculture, industry and energy; development and expansion of intra-country trade with particular emphasis on trading of basic food products and the development of border markets; the establishment and operation of maritime coastal links among Central African countries; trade and transport facilitation with emphasis on transit systems applied to corridors between coastal and landlocked countries; the improvement of port management with emphasis on the Douala port customs zone and navigation security;

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* High priority.

(b) Group training

(i) Lusaka-based MULPOC: four workshops on food security programmes, village industrial technology, development in food processing and storage, and human resources capacity and capability development;

(ii) Gisenyi-based MULPOC: three seminars: women on food conservation technologies within the Economic Community of Central African States; establishment of a multinational company for transport operations on lakes Kivu and Tanganyika; modalities for the dissemination of research results on increasing food crop production;

(iii) Niamey-based MULPOC: two seminars: integration through production based on comparative advantage for industrial development in West Africa; formulation of a food self-sufficiency programme for West Africa with a view to formulating subregional common agricultural and food policy;

(iv) Tangier-based MULPOC: two seminars: joint organization by North African countries of fisheries market and definition of their relationships with third countries as regards fishing activities; common strategies and policies in the fields of petroleum, gas and electric power aimed at security and stability in energy production in North Africa;

(v) Yaoundé-based MULPOC: two workshops: the establishment of an agricultural research network in Central Africa; transit facilitation for customs and transport officials and operators in countries of Central Africa; subregional symposium on intermediate food technologies for women in Central Africa;

(c) Field projects

(i) Lusaka-based MULPOC: operationalization of Eastern and Southern Africa Development Information System; development and implementation of common policies and programmes for achieving food self-sufficiency in Eastern and Southern Africa, including maize research network; feasibility study on local production of school and university textbooks; development of food-processing projects aimed at promoting women's entrepreneurship;

(ii) Gisenyi-based MULPOC: production and marketing of embroidery products in the Economic Community of the Great Lakes Countries;

(iii) Yaoundé-based MULPOC: establishment of an agricultural research network for the Yaoundé-based MULPOC subregion; cooperation between the Member States of the subregion in deep-sea fishing, fish conservation and processing technologies.

6. Coordination, harmonization and liaison: liaison with the specialized agencies (Food and Agriculture Organization of the United Nations (FAO), United Nations Industrial Development Organization (UNIDO), International Telecommunication Union (ITU), International Trade Centre (ITC), United Nations Conference on Trade and Development (UNCTAD), United Nations Environment Programme (UNEP)) and beneficiary organizations in connection with management of multisectoral projects.

Resource requirements (at revised 1991 rates)

New posts

23.18 It is proposed to establish five new Professional posts (two P-5, two P-4 and one P-3) in order to strengthen the capacity of MULPOCs in the promotion of the subregional economic cooperation and integration in Africa. The above posts would be distributed as follows:

- Two P-5 posts to accommodate an agronomist (Niamey) and a transport economist (Yaoundé);

- Two P-4 posts to accommodate a mining engineer (Lusaka) and an agronomist (Tangier);

- One P-3 post to accommodate an agronomist (Gisenyi).

It will be recalled that in a report concerning the functioning of MULPOCs (A/C.5/45/57), it was indicated that the staff resources of the MULPOCs would need to be increased by eight additional Professional posts and by 10 General Service posts and that this would be dealt with in the context of the 1992-1993 proposed programme budget. At this stage, the establishment of five posts is proposed and possibilities for redeployment within the secretariat of the Commission will be explored.

Temporary assistance

23.19 The requirements of $377,000 will be utilized to recruit temporary staff (interpretation, translation and short-term conference personnel) required to service MULPOCs-related meetings and to obtain support services such as cleaning and security.

Consultants

23.20 The estimated requirements of $12,000 relate to specialized expertise required for the preparation of reports.

Travel of staff

23.21 The estimated requirements of $293,800 relate to travel of staff: (a) to service MULPOCs-related meetings; (b) consultations with and participation in activities of various subregional intergovernmental organizations in Africa; and (c) collection of data in preparation of reports and publications by and in support of the work of MULPOCs.

Operating expenses

23.22 The estimated requirements (contractual services, $115,800; general operating expenses, $386,600; supplies and materials, $100,100; and furniture and equipment, $74,900) relate to the maintenance and operating costs of the MULPOC offices.

3. Agricultural and rural development

TABLE 23.12. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 146.2	46.6	118.2	1 311.0	110.3	1 421.3
Consultants	11.6	0.6	5.0	17.2	2.6	19.8
Common staff costs	654.7	26.7	67.4	748.8	64.5	813.3
Travel of staff	49.8	2.1	-	51.9	7.4	59.3
Total	1 862.3	76.0	190.6	2 128.9	184.8	2 313.7

TABLE 23.12 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	214.0	273.0
Total (a)	214.0	273.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Trust Fund for African Development	-	56.5
United Nations Development Programme	-	3 575.5
Food and Agriculture Organization of the United Nations	1 794.0	1 794.0
Bilateral sources	325.0	575.0
Total (c)	2 119.0	6 001.0
Total (a), (b) and (c)	2 333.0	6 274.0
Total		8 587.7

TABLE 23.13. POST REQUIREMENTS

Agricultural and rural development

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	-	-	-	-	1	1	1	1
P-5	1	1	-	-	3	3	4	4
P-4	4	4	-	-	4	4	8	8
P-3	4	4	-	-	1	1	5	5
P-2/1	1	2	-	-	4	4	5	6
Total	10	11	-	-	13	13	23	24
Other categories								
Local level	9	11	-	-	3	3	12	14
Total	9	11	-	-	3	3	12	14
Grand total	19	22	-	-	16	16	35	38

Subprogramme 3. Agricultural and rural development*

23.23 During the biennium 1992-1993, emphasis will be placed on assisting ECA members in formulating and implementing appropriate policies and strategies, with a view to attaining self-sufficiency in food and enhancing national and regional capabilities and the capacity for self-sustaining in the production systems of African agriculture. This subprogramme will be implemented by the Joint ECA/FAO Agriculture Division.

Activities:

1. Parliamentary services

Parliamentary documentation: 10 reports to the Intergovernmental Committee of Experts of the MULPOCs: development and improvement of databases for the promotion of food security with emphasis on early warning systems (Tangiers-based MULPOC); assessment of the institutional, legal and resource framework to enhance forestry research and training in the Gisenyi-based MULPOC countries; progress in establishing a subregional Maize Research Network for Eastern and Southern African countries (Lusaka-based MULPOC); follow-up and implementation of the recommendations on the 1989 Ministerial Conference held in Rabat, Morocco, on cooperation in the fishery sector among the African States bordering the Atlantic Ocean (Tangiers-based MULPOC);* measures to alleviate infrastructural constraints to intraregional food trade (Tangiers-based MULPOC); constraints to inputs marketing (Niamey-based MULPOC); measures to increase the performance of the informal marketing sector (Yaoundé-based MULPOC); measures to promote intra-African trade in basic food commodities through the establishment of subregional wholesale markets (Gisenyi-based MULPOC); case studies of the impact of rural changes by occupation, income bracket and gender in selected African countries (Gisenyi-based MULPOCs).

2. Published material

(a) Two recurrent publications: RURAL PROGRESS (four issues);* Food and agriculture in Africa (four issues);

(b) Twenty-six non-recurrent publications: the effectiveness of subregional and regional development projects in the agriculture and rural sector;* measures for improving artisanal fishery policy and management capacities; measures for strengthening the capabilities of fishery institutions in some selected African countries or groupings; measures for strengthening cooperation for the exploitation and management of shared inland fisheries resources; measures for strengthening cooperation for the exploitation and management of shared inland fisheries resources; subregional cooperation on effective implementation of established exclusive economic zone in the field of fisheries, including the review of existing fishing arrangements; assessment of inland and marine aquaculture development programmes in Africa;* progress report on the application of African Alternative Framework to Structural Adjustment Programmes for Socio-Economic Recovery and Transformation on the agricultural sector; measures to develop institutional aspects of rural transformation in selected countries; case studies on measures to

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* High priority.

facilitate participatory rural development in selected countries; constraints on the development of the rural sector in selected countries of Africa; measures to enhance the operational effectiveness of planning and policy-making institutions in agricultural development; measures of improved capacity for monitoring and evaluation of agricultural and rural development programmes relating to structural adjustment policies and stabilization programmes in Africa;* approaches for improving agricultural data collection and processing in countries of the Lusaka-based MULPOC subregion; measures for the promotion, rehabilitation and conservation of green belts and Africa's soils in countries of the Tangiers-based MULPOC subregion; manual on measures for improving food availability through the promotion of traditional and non-conventional food resources of the flora;* livestock models for policy analysis and planning; guidelines and measures for reduction of losses in the cattle subsector with special emphasis on reproductive wastage; manual on measures for improving food availability through the promotion of the use of edible resources of the fauna; measures to enhance coordination between maize research networks in eastern and southern Africa; livestock research priorities and the contributions of the international institutions;* the impact of structural adjustment programmes on the food situations in two selected subregions; the impact of food-aid on subregional food security and food self-sufficiency;* measures to improve agricultural marketing extension services; role of financial institutions in facilitating and promoting intra-African trade of food commodities; credit restrictions as limiting factor of the performance of the informal food marketing sector (illustrated by cases of selected countries).

3. Operational activities (XB):

(a) Advisory services: support to the subregional Maize Research Network for Eastern and Southern Africa on Monitoring the Implementation of Rural Development Support Communications; testing of livestock models in two selected MULPOC subregions; the trypanosomiasis control in the Kagera Basin;

(b) Group training: six seminars: training needs in the field of agricultural development planning and programming; methods for assessing losses and wastage in the cattle subsector; improving the capacity for fishery planning and management (2); design of new approaches for the development of aquaculture in Africa; curricula development for agricultural marketing training institutions; three workshops: establishment and strengthening of marketing extension services in Central Africa; food technology for development of traditional and non-conventional food resources; training needs in the field of agricultural development planning and programming;

(c) Field project: strengthening of financial institutions for rural Africa and provisions of credit for agricultural and other income generating activities in selected African countries.

4. Coordination, harmonization and liaison: coordination with FAO and international agencies on preparation of the studies and investment programmes aimed at implementing the Tropical Forestry Action Plan of FAO; participation in activities of the Administrative Committee on Coordination (ACC) Task Force on

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* High priority.

rural development and of its subcommittees; participation in and/or sponsorship of: (a) meetings, workshops, seminars organized by FAO, the World Food Programme (WFP), the International Fund for Agricultural Development (IFAD), the World Food Council (WFC), World Bank, and other institutions of the United Nations system dealing with food security, food-aid and food marketing.

Resource requirements (at revised 1991 rates)

Redeployment of posts

23.24 It is proposed to redeploy to this subprogramme one P-2 post from subprogramme 8, Advancement of women, and two General Service (Local level) posts from subprogramme 7, Social development.

Consultants

23.25 The estimated requirements of $17,200 relate to specialized expertise in preparation of reports and publications under the programme of work.

Travel of staff

23.26 The estimated requirements of $51,900 relate to (a) travel of staff to various MULPOC meetings ($4,900) and (b) to trips to collect information and hold consultations with government officials and intergovernmental institutions in respect of activities under the programme of work ($47,000).

4. Marine affairs

TABLE 23.14. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Consultants	54.5	2.4	-	56.9	8.1	65.0

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
Bilateral sources	214.3	225.7
Total (c)	214.3	225.7
Total (a), (b) and (c)	214.3	225.7
Total		290.7

TABLE 23.15. POST REQUIREMENTS

Marine affairs

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	-	-	-	-	1	1	1	1
Total	-	-	-	-	1	1	1	1

Subprogramme 4. Marine affairs

23.27 During the biennium 1992-1993, emphasis under the subprogramme will be given to development of capabilities in African Member States for effective exploration, exploitation and utilization of vast living and non-living resources known to exist in African seas. Efforts will be made to provide assistance to Member States in elaborating appropriate policies, legislation and strategies to develop capabilities in enhancing productivity and to adopt new and appropriate technologies in developing resources of the sea. Assistance will be provided in promoting subregional and regional cooperation in the implementation of the provisions of the United Nations Convention on the Law of the Sea.

Activities:

1. Published material

Two non-recurrent publications: current development status, policies, strategies and legal frameworks for developing marine resources in selected African Member States;* study on current status of awareness, ratification and progress in the implementation of the provisions of the United Nations Convention on the Law of the Sea in selected African Member States.

2. Operational activities: advisory and technical assistance and support to Member States in developing institutions, human resources, marine science and technology in the field of marine affairs and application of legal mechanisms established by the United Nations Convention on the Law of the Sea for the exploitation of non-living resources of the sea (XB).

Resource requirements (at revised 1991 rates)

Consultants

23.28 The estimated requirements of $56,900 relate to specialized services in the preparation of publications proposed under the programme of work and advisory services to Member States in the context of the work programme.

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* High priority.

5. Least developed, land-locked and island countries

TABLE 23.16. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	-	329.0	-	329.0	26.9	355.9
Common staff costs	-	188.0	-	188.0	15.5	203.5
Travel of staff	-	23.0	10.0	33.0	4.6	37.6
Total	-	540.0	10.0	550.0	47.0	597.0

(2) Extrabudgetary resources	-
Total	597.0

TABLE 23.17. POST REQUIREMENTS

Least developed, land-locked and island countries

	Established posts		Temporary posts				Total	
	Regular budget		Regular budget		Extrabudgetary resources			
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	1	-	-	-	-	1	1
P-3	2	2	-	-	-	-	2	2
Total	3	3	-	-	-	-	3	3
Other categories								
Local level	1	1	-	-	-	-	1	1
Total	1	1	-	-	-	-	1	1
Grand total	4	4	-	-	-	-	4	4

Subprogramme 5. Least developed, land-locked and island countries

23.29 The subprogramme aims at being a focal point in developing strategies and programmes for enhancing the regional cooperation in the interests of African least developed, land-locked and island countries. It will assess international efforts as they relate to the promotion of the necessary structural changes and transformation required to overcome the extreme economic difficulties of the least developed, land-locked and island countries, through the improvement of aid modalities. Studies will also be undertaken on efficient macro-economic management, developing structural adjustment and stabilizing programmes of the economies, including effective mobilization and efficient utilization of domestic and human resources.

Activities:

1. Parliamentary services

Parliamentary documentation: two reports to the Conference of Ministers of African least developed, land-locked and island countries on review of economic and social conditions in African least developed, land-locked and island countries;* and on review and appraisal of the implementation of the New Programme of Action for the least developed, land-locked and island countries.*

2. Published material

Three non-recurrent publications: critical evaluation of trade and balance of payments problems of African least developed, land-locked and island countries; food (including fisheries and livestock) and agricultural policies in the least developed, land-locked and island African countries: retrospect and prospects;** role of financial intermediaries in the mobilization and utilization of household savings in the African least developed, land-locked and island countries: interlinks between organized and informal circuits.

3. Operational activities: advisory services on: development of planning, monetary, fiscal and financial policies and economic projections and forecasts; surveys and economic studies at the country and subregional levels and economic surveys and policies.

4. Co-ordination, harmonization and liaison: participation in activities of UNDP and the World Bank in connection with round tables and Consultative Groups on the least developed countries.

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* High priority.

** Low priority.

Resource requirements (at revised 1991 rates)

Travel of staff

23.30 The estimated requirements ($33,000) relate to trips for collection of supplementary information for preparation of reports and publications and for attendance at meetings organized by other international organizations in connection with least developed countries.

6. Public administration and fiscal affairs

TABLE 23.18. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	574.0	23.8	17.8	615.6	50.5	666.1
Consultants	27.0	1.2	(5.0)	23.2	3.3	26.5
Common staff costs	328.0	13.6	10.2	351.8	29.2	381.0
Travel of staff	42.7	1.9	-	44.6	6.4	51.0
Total	971.7	40.5	23.0	1 035.2	89.4	1 124.6

(2) Extrabudgetary resources	-
Total	1 124.6

TABLE 23.19. POST REQUIREMENTS

Public administration and fiscal affairs

	Established posts		Temporary posts				Total	
	Regular budget		Regular budget		Extrabudgetary resources			
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	1	1	-	-	-	-	1	1
P-4	-	1	-	-	-	-	-	1
P-3	3	2	-	-	-	-	3	2
Total	5	5	-	-	-	-	5	5
Other categories								
Local level	3	3	-	-	-	-	3	3
Total	3	3	-	-	-	-	3	3
Grand total	8	8	-	-	-	-	8	8

Subprogramme 6. Public administration and fiscal affairs

23.31 The subprogramme will aim at improving the performance of public services and financial management systems. Assistance will be provided to Member States in the formulation of fiscal policies and development of measures for mobilizing and allocating resources to development programmes. Assistance will also be provided for the strengthening of capabilities of national and subregional training and research institutions and associations dealing with improvement in public administration and management, budgetary and taxation systems, policies and administration.

Activities:

1. Published material

Thirteen non-recurrent publications: public administration and management innovations to enhance popular participation in the design and implementation of national development programmes;** decentralization of government and the establishment of indigenous non-governmental organizations and self-help programmes; automation of public administrative and management systems and processes for improved efficiency and productivity of the African public service; measures for the stimulation, development and promotion of indigenous entrepreneurial capability; assessment of the performance of reformed public and recently privatized enterprises; measures to improve management capacity, motivation, and productivity in public enterprises;** impact of automation and modern technology on efficiency and effectiveness of financial management in public enterprises in Africa; current trends in public expenditure programming; public expenditure patterns in selected African countries: impact on health and educational services; improving government financial reporting systems in selected African countries; restructuring of taxation systems in Africa for adequate mobilization of domestic resources: a review of recent trends and policy issues;* fiscal policies in the agricultural sector: overview of issues and policy options for increased food self-sufficiency in selected African countries; ways and means of mobilizing tax revenues from the informal sector in selected African countries.

2. Operational activities

Group training: seven seminars/workshops on: strengthening the managerial and administrative capacity of public sector services, enterprises and development management institutions in Africa (2); improvement in public financial management* (2); improvement in tax administration (in collaboration with the Association of African Tax Administrators);* reforming taxation systems, policies and tax administration.

3. Coordination, harmonization and liaison: participation in Inter-Agency Working Group meeting on future work programme and activities in the field of public administration and finance; contribution in biennial meeting of experts of the United Nations Programmes in Public Administration and Finance.

** Low priority.

* High priority.

Resource requirements (at revised 1991 rates)

Redeployment of posts

23.32 It is proposed to redeploy one P-4 post to this subprogramme from subprogramme 1, Development issues and policies in the ECA region in exchange of one P-3 post to be redeployed to that subprogramme.

Consultants

23.33 The estimated requirements of $23,200 relate to specialized expertise for the preparation of publications under the programme of work.

Travel of staff

23.34 The estimated requirements of $44,600 relate to the attendance at seminars/workshops and other meetings in the context of the programme of activities.

7. Social development

TABLE 23.20. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	948.3	(295.7)	(266.8)	385.8	30.6	416.4
Consultants	34.1	(1.8)	(22.7)	9.6	1.4	11.0
Ad hoc expert groups	17.1	(17.1)	-	-	-	-
Common staff costs	541.7	(168.9)	(152.2)	220.6	17.7	238.3
Travel of staff	48.2	(3.5)	(6.0)	38.7	5.5	44.2
Total	1 589.4	(487.0)	(447.7)	654.7	55.2	709.9

TABLE 23.20 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNDP	410.0	941.4
Total (c)	410.0	941.4
Total (a), (b) and (c)	410.0	941.4
	Total	1 651.3

TABLE 23.21. POST REQUIREMENTS

Social development

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	-	-	-	-	1	1	1
P-4	2	2	-	-	-	-	2	2
P-3	-	-	-	-	1	1	1	1
P-2/1	3	2	-	-	1	1	4	3
Total	6	4	-	-	2	3	8	7
Other categories								
Local level	4	1	-	-	1	3	5	4
Total	4	1	-	-	1	3	5	4
Grand total	10	5	-	-	3	6	13	11

Subprogramme 7. Social development

23.35 During the biennium 1992-1993, the activities of the subprogramme will focus on assistance to Member States, related social development institutions, organizations and agencies for providing expert advice in the design and evaluation of appropriate policies, programmes, strategies and services for the effective integration and participation of youth, disabled persons and the aged in the social and ecoromic mainstream for the prevention of criminal and juvenile delinquency.

Activities:

1. Published materials

(a) Two issues of recurrent publication: newsletter on disabled persons "Equal Time" (annual);

(b) Five non-recurrent publications: the administration of juvenile justice in the eastern/southern African subregion; youth and health: implications for Africa's manpower for development and transformation; directory of youth organizations in Africa; the social and economic situation of the aging in West African countries;** the role and contribution of youth to the conservation of the African environment.

2. Two ad hoc expert groups on: innovative strategies for dealing with youth unemployment (XB); the impact of economic and social changes on the African Family and Policy Implications (in preparation for the International Year of the Family) (XB).

3. Operational activities: support to activities of the United Nations African Institute for the Prevention of Crime and the Treatment of Offenders.

4. Co-ordination, harmonization and liaison: participation in annual interagency meetings on drug abuse control, youth, disabled and aging persons issues.

Resource requirements (at revised 1991 rates)

Redeployment of posts

23.36 It is proposed to redeploy one P-5 from this subprogramme to Programme support, one P-2 and one General Service (Local level) posts to subprogramme 1, Development issues and policies in the ECA region, and two General Service (Local level) posts to subprogramme 3, Agricultural and rural development.

Consultants

23.37 The estimated requirements of $9,600 relate to specialized expertise for the preparation of country studies in the context of publication programme proposed in this field.

** Low priority.

Travel of staff

23.38 The estimated requirements of $38,700 relate to trips to collect information for publications and participate in the interagency meetings on drug abuse control, youth, disabled and aging persons issues.

8. Advancement of women

TABLE 23.22. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	-	334.8	(73.8)	261.0	22.1	283.1
Consultants	-	3.2	-	3.2	0.4	3.6
Ad hoc expert groups	-	18.3	-	18.3	2.6	20.9
Common staff costs	-	191.2	(42.2)	149.0	12.9	161.9
Travel of staff	-	21.0	6.0	27.0	3.9	30.9
Total	-	568.5	(110.0)	458.5	41.9	500.4

TABLE 23.22 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	111.7	152.0
Total (a)	111.7	152.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNDP	800.9	993.8
Bilateral sources	563.1	635.9
Total (c)	1 364.0	1 629.7
Total (a), (b) and (c)	1 475.7	1 781.7
Total		2 282.1

TABLE 23.23. POST REQUIREMENTS

Advancement of women

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	1	-	-	1	1	2	2
P-4	-	-	-	-	1	2	1	2
P-3	1	1	-	-	1	-	2	1
P-2/1	1	-	-	-	2	1	3	1
Total	3	2	-	-	5	4	8	6
Other categories								
Local level	2	2	-	-	4	5	6	7
Total	2	2	-	-	4	5	6	7
Grand total	5	4	-	-	9	9	14	13

Subprogramme 8. Advancement of women

23.39 Emphasis will be given to the enhancement of women's skills that would enable them to play a more effective role in the productive sectors: agriculture and agro-industries, formal and informal sectors of the economy both as producers and decision makers. Particular attention will be paid to the improvement of the position of women for the control of production and distribution services through training seminars, workshops, meetings and studies. In addition, overall analysis on emerging socio-economic trends and their impact on African women will continue to be carried out.

Activities:

1. Parliamentary services

Parliamentary documentation: report to the Conference of Ministers on the review, appraisal and assessment of the implementation of the Abuja Declaration on Participatory Development: the role of women in Africa in the 1990s, a regional perspective;* report to the Commission on the Status of Women on activities undertaken in the region to implement the Forward-looking Strategies for the Advancement of Women to the Year 2000* (1993); two annual reports to the African Regional Coordinating Committee for the Integration of Women in Development on activities undertaken in the context of ECA's Programme on Women.

2. Published materials

(a) Three recurrent publications: update of the African Training and Research Centre for Women newsletter (four issues); roster of women's experts in Africa; annotated bibliography on women in development (two issues);**

(b) Three non-recurrent publications: external debt crisis and its relation to the implementation of the global and regional strategies for the advancement of women in Africa, particularly in the field of health, employment and agriculture; a survey of the extent of women's access to resources and strategies to overcome barriers; women in agro-industries, particularly food processing and preservation, in selected countries.*

3. Ad hoc expert groups meeting to consider strategies for enhancement of women's skills in mainstreaming and decision making.*

4. Operational activities

(a) Advisory services on planning techniques and project formulation on women and development (XB);

(b) Group training: two workshops on the external debt crisis and African women; accessing women to credit;** training seminar on planning, mainstreaming and evaluation for women leaders;**

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* High priority.

** Low priority.

(c) Field projects on improving communication networks of the African Training and Research Centre for Women; promotion of African women in scientific and technical fields to coordinate and monitor the implementation of the projects as well as liaise with the donors; operationalizing the developed mechanisms on accessing women to entrepreneurship and credit facilities (XB).

5. Co-ordination, harmonization and liaison: liaison and coordination with INSTRAW and UNIFEM, as well as ACC machinery on issues of advancement of women.

Resource requirements (at revised 1991 rates)

Redeployment of posts

23.40 It is proposed to redeploy one P-2 post from this subprogramme to subprogramme 3, Agricultural and rural development.

Consultants

23.41 The requirements of $3,200 relate to specialized expertise in preparation of publications under the work programme.

Ad hoc expert group

23.42 The estimated requirements of $18,300 relate to ad hoc expert group meeting to consider strategies for enhancement of women's skills in mainstreaming and decision making.

Travel of staff

23.43 The estimated requirements ($27,000) would provide for travel in connection with seminars, workshops and other meetings to be organized under the programme.

9. Environment and development

TABLE 23.24. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	228.7	9.5	-	238.2	19.2	257.4
Consultants	40.3	(31.3)	-	9.0	1.2	10.2
Ad hoc expert groups	17.3	1.3	-	18.6	2.7	21.3
Common staff costs	130.7	5.5	-	136.2	11.1	147.3
Travel of staff	18.0	0.8	-	18.8	2.7	21.5
Miscellaneous services	5.3	(5.3)	-	-	-	-
Total	440.3	(19.5)	-	420.8	36.9	457.7

TABLE 23.24 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNEP	-	297.0
Total (c)	-	297.0
Total (a), (b) and (c)	-	297.0
Total		754.7

TABLE 23.25. POST REQUIREMENTS

Environment and development

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	-	-	-	-	-	1	-	1
P-4	2	2	-	-	-	1	2	3
P-3	-	-	-	-	-	1	-	1
Total	2	2	-	-	-	3	2	5
Other categories								
Local level	1	1	-	-	-	3	1	4
Total	1	1	-	-	-	3	1	4
Grand total	3	3	-	-	-	6	3	9

Subprogramme 9. Environment and development

23.44 During the biennium 1992-1993, the subprogramme will be oriented to the development and strengthening of national, subregional and regional capabilities needed for environment management, assessment and conservation. Emphasis will be placed on the development of institutional and manpower capabilities and providing policy and administrative guidelines for ensuring sound management of environmental programmes.

Activities:

1. International cooperation

External relations: coordination with the Organization of African Unity (OAU), and African intergovernmental and non-governmental organizations on the implementation of the environmental aspects of the African Alternative Framework to Structural Adjustment Programmes for Socio-Economic Recovery and Transformation and the African Charter for Popular Participation in Development and Transformation.

2. Parliamentary services

Parliamentary documentation: report to the ECA Conference of Ministers on regional issues relating to the United Nations Conference on Environment and Development;* report to Joint Intergovernmental Regional Committee on Human Settlements and Environment on environmental activities during the biennium 1992-1993.*

3. Published materials

(a) Two recurrent publications:

(i) Annual: Third edition of the Directory of African Environmental Experts and List of Institutions on Environmental Matters in Africa;**

(ii) Quarterly: ECA Environment Newsletter;*

(b) Two non-recurrent publications: guidelines for the monitoring of the movement of dangerous and toxic products and wastes in Africa; guidelines for the integration of environmental dimensions into African regional cooperation treaties, conventions and agreements.

4. Ad hoc expert group meeting to review guidelines for integrating environmental dimensions into existing and proposed regional and subregional treaties, conventions and agreements.

5. Information materials and services:** pamphlets on: the implications for Africa of the outcome of the United Nations Conference on Environment and Development; popular participation activities in environmental programmes/projects; environmental fact sheets on African countries.

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* High priority.

** Low priority.

6. Operational activities

Group training: two workshops on the development and implementation of environment and sustainable development pilot projects.

7. Coordination, harmonization and liaison: coordination with UNEP and other agencies of the United Nations system and outside the system on issues of implementation of the programme of the African Ministerial Conference on Environment and the System-wide Medium-term Plan.

Resource requirements (at revised 1991 rates)

Consultants

23.45 The estimated requirements of $9,000 relate to assistance in the study of illicit traffic in dangerous products and wastes in the region.

Ad hoc expert group

23.46 The proposed provision of $18,600 relate to a meeting of an ad hoc expert group to review guidelines for integrating environmental dimensions into existing and proposed regional, subregional treaties, conventions and agreements.

Travel of staff

23.47 The estimated requirements of $18,800 relate to travel for collection of data for the preparation of published and information materials, operational activities and coordination.

10. Human settlements

TABLE 23.26. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	333.0	13.8	-	346.8	28.1	374.9
Consultants	8.0	0.8	-	8.8	1.2	10.0
Ad hoc expert groups	19.4	2.8	-	22.2	3.1	25.3
Common staff costs	190.3	7.9	-	198.2	16.2	214.4
Travel of staff	16.0	0.7	-	16.7	2.4	19.1
Total	566.7	26.0	-	592.7	51.0	643.7

TABLE 23.26 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
Islamic Development Bank	-	50.0
UNEP	-	30.0
UNDP	600.0	2 200.0
Bilateral sources	-	960.0
Total (c)	600.0	3 240.0
Total (a), (b) and (c)	600.0	3 240.0
Total		3 883.7

TABLE 23.27. POST REQUIREMENTS

Human settlements

	Established posts		Temporary posts				Total	
	Regular budget		Regular budget		Extrabudgetary resources			
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	1	-	-	-	1	1	2
P-4	1	1	-	-	-	2	1	3
P-3	1	1	-	-	-	-	1	1
Total	3	3	-	-	-	3	3	6
Other categories								
Local level	1	1	-	-	-	2	1	3
Total	1	1	-	-	-	2	1	3
Grand total	4	4	-	-	-	5	4	9

Subprogramme 10. Human settlements

23.48 The subprogramme will focus on redressing the rural/urban imbalance through formulation and implementation of policies, programmes and projects, in particular by identifying settlement policy issues, and developing and promoting guidelines for the formulation and implementation of national settlements policies aimed at balanced spatial distribution of population and economic activities within the context of a sound environment along with land reforms and the promotion of rural townships; strengthening the indigenous construction sector through the development of indigenous skills, low-cost building materials and small-scale production units and transfer of appropriate technology.

Activities:

1. Parliamentary services

Parliamentary documentation: two reports to the Joint Intergovernmental Regional Committee on Human Settlements and Environment on integration of human settlements planning with the overall economic development planning process;* and on implementation of the regional project for the development of building materials industries in Africa.**

2. Published materials

(a) One recurrent publication: Bulletin on human settlements situation in Africa;

(b) Five non-recurrent publications: guidelines on formulation of human settlements policies and their impact on the environment; physical planning methodologies and techniques applicable to arid and semi-arid areas as well as coastal and tropical forest zones particularly with regard to environmental protection and development; strengthening of intermediate towns development and the establishment of growth poles in African countries; formulation of efficient land use planning within the framework of the urban economy;** guidelines on shelter indicators for the formulation and the assessment of national shelter policies in Africa within the framework of the Global Strategy for Shelter to the Year 2000.

3. Ad hoc expert group meeting on protection of the natural and man-made environment by measures on human settlements development.

4. Operational activities

(a) Advisory services: four missions on programme and projects for the implementation of Global Shelter Strategy to the Year 2000; formulation and implementation of policies and programmes for the development of small-scale and medium-scale indigenous construction sector (XB);

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* High priority.

** Low priority.

(b) Group training: training workshop on the environmental assessment methods and forecast techniques for urban planning and management (XB); seminar on town planning legislation in Africa (RB/XB);

(c) Field projects (XB): development of building materials industries in Africa; development and application of guidelines on topology of human settlements patterns for rural transformation in selected African countries.

5. Coordination, harmonization and liaison: coordination and collaboration with Habitat, UNDP, World Bank, UNIDO, ILO, FAO and other organizations within the United Nations system on issues of human settlements policies.

Resource requirements (at revised 1991 rates)

Consultants

23.49 The proposed provision of $8,800 is for obtaining outside expertise required in preparation of an ad hoc group meeting and the seminar under the work programme.

Ad hoc group meeting

23.50 The estimated requirements of $22,200 relate to an ad hoc group meeting on the protection of the natural and man-made environment by measures on human settlements development.

Travel of staff

23.51 The estimated requirements of $16,700 relate to travel in connection with the provision of advisory services to Member States and to the collection of data for the preparation of the publications envisaged under the work programme.

11. Industrial development

TABLE 23.28. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 719.3	71.3	-	1 790.6	146.8	1 937.4
Temporary assistance	71.1	3.3	(74.4)	-	-	-
Consultants	41.9	1.8	-	43.7	6.2	49.9
Ad hoc expert groups	90.2	6.6	-	96.8	13.8	110.6
Common staff costs	982.4	40.8	-	1 023.2	84.9	1 108.1
Travel of staff	154.7	9.4	-	164.1	23.4	187.5
Total	3 059.6	133.2	(74.4)	3 118.4	275.1	3 393.5

TABLE 23.28 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	156.1	152.0
Total (a)	156.1	152.0
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Trust Fund for African Development	675.7	569.0
African Development Bank	-	100.0
Islamic Development Bank	-	310.0
UNIDO	94.2	-
UNDP	2 229.3	2 870.7
Bilateral sources	235.6	2 308.0
Total (c)	3 234.8	6 157.7
Total (a), (b) and (c)	3 390.9	6 309.7
Total		9 703.2

TABLE 23.29. POST REQUIREMENTS

Industrial development

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	4	4	-	-	-	1	4	5
P-4	4	4	-	-	-	-	4	4
P-3	6	6	-	-	-	-	6	6
P-2/1	-	-	-	-	1	1	1	1
Total	15	15	-	-	1	2	16	17
Other categories								
Local level	8	8	-	-	1	1	9	9
Total	8	8	-	-	1	1	9	9
Grand total	23	23	-	-	2	3	25	26

Subprogramme 11. Industrial development in Africa*

23.52 The focus will be on research studies that would assist member countries to formulate appropriate industrial policies and to more effectively implement industrial programmes that would bring about the revitalization and restructuring of the industrial sector; promotions of industrial programmes and projects by supporting national and multinational resource-based and core industries, including small-scale industries (agro-based, chemical, metal, engineering, and electrical/electronics). In the context of the United Nations Second Industrial Development Decade for Africa, emphasis will be placed on strengthening the technological and entrepreneurial capabilities of African countries at national, subregional and regional levels. In this regard particular attention will be paid to small-scale, cottage and rural industries. The subprogramme will also assist Member States in building and strengthening subregional and regional institutions for industrial development in the fields of technology, standardization, production and management.

Activities:

1. Parliamentary services

Parliamentary documentation:* three reports to the Conference of African Ministers of Industry on problems, policies, issues and prospects by the year 2000 of Africa's basic industries, namely: chemical, metal, engineering industries; on assessment of policies and strategies for the rehabilitation and revitalization of selected industrial subsectors; and on progress made in the implementation of the programme for the second Industrial Development Decade for Africa.

2. Published materials

(a) Two recurrent publications: focus on African industry, including review of progress on the Second Industrial Development Decade (annual);* directory of project profiles on small-scale industries (two issues);

(b) Twelve non-recurrent technical publications: industrial development priorities and subregional cooperation in the context of the Second Industrial Development Decade in two selected subregions;* manual for trainers in the development of entrepreneurship in small-scale industries; structure of industrial enterprises in the informal sector in selected African countries; investment and financial policies and their impact on the development of indigenous industries; lessons from selected newly industrialized countries for the effective implementation of the second Industrial Decade; sustainable financing of selected second Industrial Decade multinational industrial projects in African subregions; possibilities and perspectives of the production of basic chemicals from natural gas in Africa; natural resources for the production of nitrogen, phosphate and potash fertilizers in Africa, their utilization and perspectives for their integrated development in the context of the Second Industrial Development Decade; guidelines for the manufacture of agricultural tools, implements and low-cost transport equipment by small-scale engineering industries in the context of the Second Industrial Development Decade; study of the possibility for the application of the compact mini-plants technology for the manufacturing of steel products in

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* High priority.

African countries in the context of the Second Industrial Development Decade; the role of industrial free zones in the industrialization of the African countries in the context of the Second Industrial Development Decade; technical handbook on composite and non-wheat flours in the context of the Second Industrial Development Decade.

3. Four ad hoc expert groups on: the promotion of investment in industrial projects in the context of the Second Industrial Development Decade (two meetings);* the possibility of production of basic chemicals from natural gas (two meetings).

4. Operational activities (XB):

(a) Advisory services: 14 missions to Member States in the context of the implementation of the second Industrial Decade national programmes;

(b) Group training: six regional seminars/workshops on: development of intermediate industrial skills with special emphasis on women; adaptation and upgrading of indigenous technological potential for small-scale, cottage, rural and informal sector industries; possibility of utilization of biomass as raw material for the production of basic chemicals; manufacture of irrigation equipment in the Sahel countries; integrated development of metallurgical industries based on experience of selected African countries; application of available composite flour production technology by women entrepreneurs;

(c) Eight field projects: survey of the industrial sector in the Economic Community of the West African States; engineering design and manufacturing of equipment for processing of agricultural products; strengthening the African Regional Center for Engineering Design and Manufacturing capacity in African countries; development of the Engineering Industrial Development Programme in Central and West African subregions with special emphasis on agricultural machinery and equipment, low-cost transport equipment, machine tools and spare parts; establishment of pilot demonstration plan on composite flour to serve as a model for the neighbouring countries; promotion and development of small-scale industries in the African region with special consideration of women employment; identification and pre-feasibility studies of selected multinational industrial core projects within the framework of the second Industrial Decade; application of the compact mini-plants technology for the manufacturing of steel products in African countries.

5. Coordination, harmonization and liaison: liaison with organizations of the United Nations system on the follow-up to the United Nations Second Industrial Development Decade for Africa.

Resource requirements (at revised 1991 rates)

Consultants

23.53 The estimated requirements of $43,700 relate to specialized expertise required for the preparation of publications under the programme of work.

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* High priority.

Ad hoc expert groups

23.54 The provision of $96,800 relate to four ad hoc group meetings on specific issues in the context of implementation of the Second Industrial Development Decade for Africa.

Travel of staff

23.55 The estimated requirements of $164,100 relate to attendance at meetings, seminars and workshops to be conducted by ECA in Africa in the context of the programme of work and travel to collect supplementary information for preparation of reports and publications, and for consultations with government officials.

12. Trade development and cooperation

TABLE 23.30. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 489.0	(403.6)	-	1 085.4	88.9	1 174.3
Consultants	37.3	(7.6)	-	29.7	4.2	33.9
Ad hoc expert groups	20.5	1.4	-	21.9	3.1	25.0
Common staff costs	850.7	(230.5)	-	620.2	51.7	671.9
Travel of staff	92.7	(29.7)	-	63.0	8.9	71.9
Total	2 490.2	(670.0)	-	1 820.2	156.8	1 977.0

(2) Extrabudgetary resources	-
Total	1 977.0

TABLE 23.31. POST REQUIREMENTS

Trade development and cooperation

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	1	1	-	-	-	-	1	1
P-4	2	2	-	-	-	-	2	2
P-3	2	2	-	-	-	-	2	2
P-2/1	4	4	-	-	-	-	4	4
Total	10	10	-	-	-	-	10	10
Other categories								
Local level	6	6	-	-	-	-	6	6
Total	6	6	-	-	-	-	6	6
Grand total	16	16	-	-	-	-	16	16

Subprogramme 12. Trade development and cooperation

23.56 The strategy for the biennium 1992-1993 will be significantly different from that elaborated in the present period. The institution-building process for trade promotion and cooperation is about to be completed and new efforts will be directed towards the strengthening of operational capabilities of those institutions. In that context, priority will be given to supporting the development of import-substitution policies, market research, demand and supply analysis and trade facilitation at the country, regional and interregional levels. The secretariat will disseminate the findings of studies and analyses. The secretariat will assist the Commission in developing trade promotion strategies and mechanisms and their coordination with activities of UNCTAD, GATT, OAU and the Group of 77 to improve the export performance of the African countries and improve the foreign exchange capabilities, strengthening existing trade institutions at the national and subregional level through, inter alia, specific-targeted training and skills upgrading programmes in the field of trade.

Activities:

1. Published materials

(a) Two recurrent publications on Trade Opportunities for African Businessmen (four issues); and African Trade Bulletin (annual);

(b) Thirteen non-recurrent publications: Africa's competitiveness in traditional export markets;* new markets for Africa's exports;* new framework for intra-African trade expansion as an alternative solution to problems emerging from international economic situations;* trends and developments in Africa's trade and economic relations with developed and other developing regions; policy measures for enhancing and attracting foreign investment in export oriented processing; enhancing the role of women in trade; enhancing domestic trade; prospects for expanding intra-African trade through planning of production on subregional basis; obstacles to promotion of intra-African trade drawing on experiences of subregional economic groupings; trade facilitation in rural areas with emphasis on trade financing, credit facilities and services in rural areas;** prospects of and impediments to intra-African trade focusing on tariff and non-tariff barriers;* new import management and operational techniques; International Commodity Agreement and Commodity Exchanges.

2. Ad hoc expert group meeting on trade facilitation focusing on the provision of services, trade financing and credit in rural areas.

3. Operational activities

Advisory services on the implementation of the Strategies for Revitalization, Recovery and Growth of Africa's Trade in the 1990s and Beyond.**

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* High priority.

** Low priority.

Resource requirements (at revised 1991 rates)

Consultants

23.57 The proposed provision of $29,700 relate to specialized expertise and services required in preparation of publications under the work programme.

Ad hoc expert groups

23.58 The estimated requirements of $21,900 are for the ad hoc group meeting on trade facilitation in the ECA region.

Travel of staff

23.59 The estimated requirements of $63,000 relate to advisory missions to Member States as well as missions to collect supplementary information for publications and attend meetings of other organizations in the context of coordination of activities under the programme.

13. External debt crisis

TABLE 23.32. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	-	208.4	-	208.4	17.7	226.1
Consultants	-	-	15.0	15.0	2.0	17.0
Common staff costs	-	119.0	-	119.0	10.4	129.4
Travel of staff	-	-	20.0	20.0	2.8	22.8
Total	-	327.4	35.0	362.4	32.9	395.3

(2) Extrabudgetary resources

	-
Total	395.3

TABLE 23.33. POST REQUIREMENTS

External debt crisis

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-3	1	1	-	-	-	-	1	1
P-2/1	1	1	-	-	-	-	1	1
Total	2	2	-	-	-	-	2	2
Other categories								
Local level	2	2	-	-	-	-	2	2
Total	2	2	-	-	-	-	2	2
Grand total	4	4	-	-	-	-	4	4

Subprogramme 13. External debt crisis

23.60 The focus will be on practical solutions to Africa's mounting external debt burden. In that context, efforts concentrate on in-depth and extensive research and analysis of the structures and magnitudes of Africa's debt problem with a view to identifying the root causes of the debt crisis as well as the possibilities of linking of debt management programmes at all levels with the overall financial and monetary objectives of Member States. The ECA secretariat will organize workshops, meetings, advisory missions and studies, with emphasis placed on: assessing the impact of the developments in the international economic environment on the reduction of Africa's debt stock and debt-servicing; elaborating more intensive programmes and policies for both external and internal debt and resources management; assessing, in cooperation with other organizations and financial institutions, the appropriateness or adequacy of the initiatives taken so far in solving the African debt problem in view of defining a new approach placing the debt in a growth context.

Activities:

1. International cooperation

External relations: missions of liaison and consultations with regional and interregional intergovernmental organizations and financial and monetary institutions, including OAU, the African Development Bank and the African Centre for Monetary Studies, on issues of external debt crisis in Africa.

2. Published materials

(a) Three non-recurrent publications: effective strategies for the alleviation of Africa's external debt burden; review of Africa's external debt situation and the impact of declining commodity prices on Africa's capacity to service its external debt; analysis of the impact on Africa's external debt of initiatives so far taken to alleviate the continent's external debt burden (2 issues);**

(b) Technical material: database on Africa's external debt profile.*

3. Operational activities: workshop on ways and means of alleviating Africa's external debt burden; seminar on a review of Africa's external debt situation and the impact of declining commodity prices on Africa's capacity to service its external debt.

** Low priority.

* High priority.

Resource requirements (at revised 1991 rates)

Consultants

23.61 The estimated requirements of $15,000 relate to specialized expertise for establishment of a database on Africa's external debt.

Travel of staff

23.62 The provision of $20,000 relate to missions of consultations with OAU and other organizations on issues of the external debt management and participation in related activities of regional financial institutions, and other activities.

14. Monetary and financial policies and strategies

TABLE 23.34. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	-	256.6	-	256.6	20.9	277.5
Consultants	-	9.2	-	9.2	1.3	10.5
Common staff costs	-	146.6	-	146.6	12.1	158.7
Travel of staff	-	33.8	-	33.8	4.9	38.7
Total	-	446.2	-	446.2	39.2	485.4

(2) Extrabudgetary resources	-
Total	485.4

TABLE 23.35. POST REQUIREMENTS

Monetary and financial policies and strategies

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	1	-	-	-	-	1	1
P-4	1	1	-	-	-	-	1	1
Total	2	2	-	-	-	-	2	2
Other categories								
Local level	1	1	-	-	-	-	1	1
Total	1	1	-	-	-	-	1	1
Grand total	3	3	-	-	-	-	3	3

Subprogramme 14. Monetary and financial policies and strategies

23.63 Activities will focus on measures to be elaborated for halting or reversing the downward trends in resource inflows, especially on concessional terms. New practical solutions will be sought to deal with the problems of inadequacy of financing, including low domestic savings. Through research, studies and analyses of developments and trends in that sector of the African economy, the measures will be devised for assessing the impact of external development on the African economies, particularly of the new monetary arrangements within the European Monetary System; strengthening of existing institutions for regional monetary and financial cooperation and the establishment and operationalization of the African Monetary Fund; reversing the flight of capital and attracting direct foreign investments, especially in subregional and regional projects and programmes and fostering increased self-reliance in financing development through more intensive programmes for domestic savings and resources mobilization.

Activities:

1. International cooperation

External relations: liaison and cooperation with intergovernmental organizations and global, regional and subregional monetary and financial institutions, such as OAU, IMF, the African Development Bank and others on issues of monetary and financial policies and strategies in Africa.

2. Published material

Six non-recurrent publications: impact of recent political and economic changes in Eastern Europe and USSR on net resource flows to Africa;* recent monetary and financial developments in Africa (2); impact on monetary and financial arrangements in Africa of the development in international economic, monetary and financial relations; impact of recent international developments on net resources transfers to African countries;* measures needed to provide effective trade financing mechanisms for the revitalization of Africa's trade and its contribution to economic growth;** progress made towards the establishment of the African Monetary Fund.

3. Coordination, harmonization and liaison: contribution into annual meetings of the Working Party of the African Governors of the World Bank and IMF on issues of monetary and financial policies.

Resource requirements (at revised 1991 rates)

Consultants

23.64 The estimated requirements of $9,200 relate to specialized expertise in the preparation of non-recurrent publications under the programme of work.

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* High priority.

** Low priority.

Travel of staff

23.65 The provision of $33,800 relate to missions of consultations with African financial institutions and organizations and participation in activities of the Working Party of African Governors of the World Bank and IMF.

15. Natural resources

TABLE 23.36. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 146.9	48.5	-	1 195.4	99.5	1 294.9
Consultants	25.1	1.1	-	26.2	3.7	29.9
Common staff costs	655.1	27.7	-	682.8	57.9	740.7
Travel of staff	69.8	8.2	(10.0)	68.0	9.6	77.6
External printing and binding	8.6	0.4	-	9.0	1.3	10.3
Total	1 905.5	85.9	(10.0)	1 981.4	172.0	2 153.4

TABLE 23.36 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	213.4	184.7
Total (a)	213.4	184.7
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
United Nations Trust Fund for African Development	88.1	-
Total (c)	88.1	-
Total (a), (b) and (c)	301.5	184.7
	Total	2 338.1

TABLE 23.37. POST REQUIREMENTS

Natural resources

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	3	3	-	-	-	-	3	3
P-4	3	3	-	-	-	-	3	3
P-3	2	2	-	-	-	-	2	2
P-2/1	-	-	-	-	1	1	1	1
Total	9	9	-	-	1	1	10	10
Other categories								
Local level	8	8	-	-	2	2	10	10
Total	8	8	-	-	2	2	10	10
Grand total	17	17	-	-	3	3	20	20

Subprogramme 15. Natural resources

23.66 Activities will focus on the establishment and strengthening of institutions for utilization of mineral resources at subregional level, the building up of Member States' knowledge on minerals development and utilization and the development, analysis and streamlining of minerals development policies and the impact of mining activities and minerals utilization on the environment. In the field of cartography and remote sensing, the activities will be oriented towards the development and strengthening of institutional, technological and human capabilities in data acquisition, its analysis and utilization for natural resources and environmental management as well as streamlining policies and strategies in surveying, mapping and remote sensing in Africa. Substantive and technical services will be provided to the Eighth United Nations Regional Cartographic Conference for Africa including commemorative activities for the International Space Year (1992),* the intergovernmental meeting of Senior Officials of the Nile River Basin countries and the Fifth Regional Conference on the Development and Utilization of Mineral Resources in Africa.

Activities:

1. International cooperation

External relations: cooperation and liaison with regional and subregional intergovernmental organizations and institutions on issues of natural resources development activities, including mineral and water resources and integrated river basins development.

2. Published materials

(a) Recurrent publications

Annual: Information bulletin on water resources activities in Africa (MAJI); Cartography and Remote Sensing Bulletin for Africa; accessions list of map, charts and remote sensing imageries collected for the MAP Documentation and Reference Centre;

(b) Seven non-recurrent publications: environment and mineral resources development and utilization in Africa; mineral development policies in Africa; status of small-scale mining in Africa and strategy for its development; directory of water resources specialists in African Member States;* proposals for conservation and rational use of water resources in selected North African countries;** problems, prospects and strategies for cooperation for integrated water resources development of the Nile River Basin; guidelines for the development and utilization of geographic information systems for Africa.

3. Information materials and services:** poster commemorating the International Space Year; charts and exhibitions on ECA activities.

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* High priority.

** Low priority.

4. Operational activities

(a) Advisory services on mineral resources development and utilization in Africa; technical assistance and support to multinational mineral resources development centres in programmes conception and implementation; substantive support to (a) the Regional Centre for Training in Aerospace surveys at Ile-Ife, in the development of institutional and managerial capabilities; (b) the Regional Centre for Services in Surveying, Mapping and Remote Sensing at Nairobi on the development of institutional and managerial capabilities; (c) the African Organization for Cartography and Remote Sensing for effective management and development of institutional capabilities;

(b) Field project on establishing of national hydrographic units in Africa.

5. Coordination, harmonisation and liaison: participation in relevant inter-agency meetings such as the ACC Inter-Secretariat Group for Water, related to mineral resources development and water resources development activities in Africa with a view to enhancing cooperation, collaboration and possible joint implementation of water resources development projects in Africa.

Resource requirements (at revised 1991 rates)

Consultants

23.67 Estimated requirements of $26,200 under this heading relate to the preparation of specialized documents for conferences and the collection of data for preparation of studies on the integrated water resources development of the Nile and other river basins.

Travel of staff

23.68 The estimated requirement of $68,000 under this heading relate to attendance at meetings of coordination bodies in the field of minerals, water and cartography and remote sensing such as the ACC Inter-Secretariat Group for Water, Scientific Subcommittee of the Committee on Peaceful Uses of Outer Space and other United Nations bodies as well as for the advisory missions and collecting supplementary data in preparation of publications.

External printing and binding

23.69 The estimated requirement of $9,000 under this heading relate to the cost of external printing of some of the ECA publications.

16. Energy - including new and renewable

TABLE 23.38. ANALYSIS OF OVERA'L COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropri-ation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	333.0	13.8	-	346.8	28.1	374.9
Ad hoc expert groups	-	-	20.5	20.5	3.0	23.5
Common staff costs	190.3	7.9	-	198.2	16.2	214.4
Travel of staff	21.5	0.9	10.2	32.6	4.6	37.2
Total	544.8	22.6	30.7	598.1	51.9	650.0

(2) Extrabudgetary resources	-
Total	650.0

TABLE 23.39. POST REQUIREMENTS

Energy - including new and renewable

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	1	-	-	-	-	1	1
P-4	1	1	-	-	-	-	1	1
P-3	1	1	-	-	-	-	1	1
Total	3	3	-	-	-	-	3	3
Other categories								
Local level	1	1	-	-	-	-	1	1
Total	1	1	-	-	-	-	1	1
Grand total	4	4	-	-	-	-	4	4

Subprogramme 16. Energy including new and renewable*

23.70 Emphasis will be placed on assisting Member States in undertaking a systematic and comprehensive inventory of conventional and renewable sources of energy in Africa and monitoring and analysis of African energy situation with the emphasis on energy supply, use and related energy policies; eliminating a lack of adequate energy policy and strengthening planning research capacity and management in African countries; furthering the development and efficient use of new and renewable sources of energy in Africa and study on their contribution to the Africa energy supply; strengthening the institution and capacity-building through training of African researchers, engineers and technicians and support to the African Regional Centre for Solar Energy and to the Technical Committee of Nuclear Science and Technology.

Activities:

1. Published materials

(a) Three non-recurrent publications: energy supply, energy use and related policy options in African countries;* guidelines on petroleum legislation aimed at assisting African Member States in the maximization of revenue from petroleum operations; potential contribution of new and renewable sources of energy to the African energy supply;*

(b) Technical material: tables and charts on energy resources in Africa.

2. An ad hoc expert group meeting of Senior Advisers to ECA Governments on energy strategies and policies.

3. Operational activities

(a) Advisory services on the possibility of interconnecting the electrical grids in neighbouring Member States in Africa in order to ensure availability of electrical energy and steady supply of electricity; formulation of integrated energy policies; support to the African Regional Centre for Solar Energy on technical, managerial and operational aspects of its activities;

(b) Group training: two training workshops for senior planners in planning and management of energy sector.

4. Coordination, harmonization and liaison: participation in activities of Inter-Agency Group on new and renewable sources of energy and the sixth session of the Committee on the Development and Utilization of New and Renewable Sources of Energy.

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* High priority.

Resource requirements (at revised 1991 rates)

Ad hoc expert group

23.71 The estimated requirements under this heading ($20,500) relate to the ad hoc expert group meeting of Senior Advisers to ECA Governments on energy strategies and policies.

Travel of staff

23.72 The provision of $32,600 is for advisory mission to Member States and missions to participate in activities of other United Nations organs on energy issues.

17. Science and technology for development

TABLE 23.40. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	333.0	13.8	-	346.8	28.1	374.9
Consultants	24.6	1.1	-	25.7	3.7	29.4
Common staff costs	190.3	7.9	-	198.2	16.2	214.4
Travel of staff	37.9	1.6	-	39.5	5.6	45.1
Total	585.8	24.4	-	610.2	53.6	663.8

TABLE 23.40 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	108.0	118.4
Total (a)	108.0	118.4
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNDP	3 470.0	1 984.6
Bilateral sources	223.2	73.4
Total (c)	3 693.2	2 058.0
Total (a), (b) and (c)	3 801.2	2 176.4
Total		? 840.2

TABLE 23.41. POST REQUIREMENTS

Science and technology for development

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-5	1	1	-	-	-	-	1	1
P-4	1	1	-	-	-	-	1	1
P-3	1	1	-	-	-	-	1	1
P-2/1	-	-	-	-	1	1	1	1
Total	3	3	-	-	1	1	4	4
Other categories								
Local level	1	1	-	-	-	-	1	1
Total	1	1	-	-	-	-	1	1
Grand total	4	4	-	-	1	1	5	5

Subprogramme 17. Science and technology for development

23.73 Emphasis will be laid on establishing and strengthening structures at the national, subregional and regional levels for the development and application of science and technology programmes and facilitating processes for technological policy-making and planning.

Activities:

1. Parliamentary services

Parliamentary documentation: two reports to the Intergovernmental Committee of Experts on Science and Technology for Development on: guidelines and methodologies for the planning and management of science and technology policy for development;* promotion of subregional and regional technological associations and professional services institutions in the management of science and technology in Africa; a report to the Technical Advisory Committee for the Development of Nuclear Science and Technology in Africa on the acquisition and transfer of nuclear science and technology applied to agricultural production and food processing.

2. Published material

Two non-recurrent publications: performance of selected institutions for science and technology policy;** endogenous capacity-building in science and technology in Africa.

3. Ad hoc group meeting of the Intergovernmental Committee of Experts on Science and Technology for Development on methodologies for planning and management of science and technology policy (XB).

4. Operational activities

(a) Advisory services on science and technology aspects of national economies;

(b) Group training: seminar on skills and methodologies for assessment of environmentally sound technology in the area of new materials; workshop on effectiveness of national institutions for science and technology policy.**

5. Coordination, harmonization and liaison: coordination activities with UNESCO on programmes in science and technology through Joint Concertation Meetings and with ACC Task Force on Science and Technology.

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* High priority.

** Low priority.

Resource requirements (at revised 1991 rates)

Consultants

23.74 The estimated requirements of $25,700 relate to specialized expertise required in preparation of reports and publications under the programme of work.

Travel of staff

23.75 The estimated requirements of $39,500 are for missions to participate in activities of other organizations of the United Nations system and the inter-agency meetings on science and technology.

18. Population

TABLE 23.42. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	715.8	30.0	-	745.8	61.3	807.1
Consultants	16.8	0.9	-	17.7	2.5	20.2
Common staff costs	409.0	17.2	-	426.2	35.5	461.7
Travel of staff	57.9	7.8	-	65.7	9.3	75.0
Total	1 199.5	55.9	-	1 255.4	108.6	1 364.0

TABLE 23.42 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNFPA	5 726.0	5 243.3
Total (c)	5 726.0	5 243.3
Total (a), (b) and (c)	5 726.0	5 243.3
Total		6 607.3

TABLE 23.43. POST REQUIREMENTS

Population

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	1	1	-	-	2	2	3	3
P-4	2	2	-	-	1	1	3	3
P-3	2	2	-	-	4	4	6	6
Total	6	6	-	-	7	7	13	13
Other categories								
Local level	4	4	-	-	5	5	9	9
Total	4	4	-	-	5	5	9	9
Grand total	10	10	-	-	12	12	22	22

Subprogramme 18. Population

23.76 The work programme will address population issues dealing with facilitating the integration of population factors into socio-economic development planning in the region; assisting in formulating and implementing relevant population programmes and policies, in evaluating family planning programmes, in establishing or strengthening national population information systems, and in analysing and utilizing demographic data, as well as in training of related personnel. Moreover, studies, research and/or training workshops will be undertaken on the evaluation of family planning and birth spacing programmes, fertility, mortality, population distribution and urbanization.

Activities:

1. Parliamentary services

Parliamentary documentation: eight reports to the Joint Conference of African Planners, Statisticians and Demographers on: implementation of the Kilimanjaro Programme of Action on population;* the interrelationship between infant and child mortality and fertility levels and their policy implications, in selected ECA member States; an assessment of the socio-economic impact of refugee movements in selected African countries; an evaluation of urban migration policies in selected African countries; updating of knowledge on African population size and dynamics: highlights from the 1980 and 1990 rounds of population censuses conducted in ECA member States; ECA regional demographic training and research institutes; population activities in 1990-1991, examination of the approved programme of work for 1992-1993 and consideration of the draft work programme for 1994-1995; identification of obstacles, problems and suggested solutions for self-reliant development and sustainability of national population information facilities in ECA member States.

2. Published materials

(a) Four recurrent publications: Demographic Handbook for Africa (2 issues); African Population Newsletter (4 issues); African Population Studies Series;** list of ECA publications on population;

(b) Nine non-recurrent publications: assessment of formulation and implementation of national population programmes in the 1990s;** manual for the integration of population factors in human resource development with particular reference to educational sector planning; assessment of the methodology and data from the World Fertility and Demographic Health Surveys: implications for future Demographic Enquiries in Africa; assessment of mortality levels, trends and differentials in relation to the goal of "Health for all" by 2000 in ECA member States;* correlation of changing infant and child mortality and fertility in relation to development programmes in selected ECA member States; relationship between environmental and population factors with particular reference to mortality in selected ECA member States;* alternatives to traditional approaches in the

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* High priority.

** Low priority.

formulation and implementation of family planning programmes in African countries; strategies to improve contraceptive use to influence demographic trends in African countries; consistency of United Nations population projections with those produced by selected ECA member States;

(c) Technical material: development and maintenance of database for population policy, mortality and morbidity, fertility, population distribution/urbanization and family planning.

3. Operational activities: two workshops on integration of population variables in development planning in Africa (XB); and on the role of women in the development process in ECA member States: strategies and policy implications (XB).

4. Coordination, harmonization and liaison: participation at ACC inter-agency working group meeting reviewing demographic estimates and projections; attendance at meetings of the UNDP Governing Council, UNFPA inter-agency consultative meetings and Population Commission on issues of population and demography.

Resource requirements (at revised 1991 rates)

Consultants

23.77 The estimated requirements of $17,700 relate to the preparation of publications under the programme of work.

Travel of staff

23.78 The estimated requirements of $65,700 relate to trips to collect data for the preparation of the Demographic Handbook for Africa as well as for consultations with government officials and intergovernmental organizations on issues of population and participation in relevant meetings.

19. Transport and communications

TABLE 23.44. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 506.2	(45.2)	18.4	1 479.4	121.1	1 600.5
Consultants	34.9	(16.5)	-	18.4	2.7	21.1
Ad hoc expert groups	-	-	19.5	19.5	1.8	21.3
Common staff costs	860.7	(25.7)	10.4	845.4	70.1	915.5
Travel of staff	123.5	(4.6)	-	118.9	16.9	135.8
Total	2 525.3	(92.0)	48.3	2 481.6	212.6	2 694.2

TABLE 23.44 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	-	-
Total (a)	-	-
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNDP	2 938.0	251.1
Total (c)	2 938.0	251.1
Total (a), (b) and (c)	2 938.0	251.1
	Total	2 945.3

TABLE 23.45. POST REQUIREMENTS

Transport and communications

	Established posts		Temporary posts				Total	
	Regular budget		Regular budget		Extrabudgetary resources			
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	2	3	-	-	2	1	4	4
P-4	6	5	-	-	-	-	6	5
P-3	3	3	-	-	-	-	3	3
P-2/1	-	-	-	-	1	1	1	1
Total	12	12	-	-	3	2	15	14
Other categories								
Local level	7	7	-	-	2	-	9	7
Total	7	7	-	-	2	-	9	7
Grand total	19	19	-	-	5	2	24	21

Subprogramme 19. Transport and communications*

23.79 Activities under the subprogramme will be oriented towards the facilitation and promotion of regional cooperation for the development of transport, telecommunications and postal services. Particular attention will be paid to the promotion of inter-country traffic networks; the improvement of manpower planning, development and management for the provision of better transport, telecommunications and postal services; the facilitation of rehabilitation and maintenance programmes of transport infrastructures; the extension of transport, telecommunications and postal networks; the promotion of transport safety, particularly in roads and road transport; promotion of technologies development in the fields of transport and communications; development of manufacturing capability for the production of transport and communication equipment.

Activities:

1. International cooperation

External relations: liaison with regional intergovernmental organizations such as OAU, the Economic Community for West African States, the Preferential Trade Area, governmental organizations and regional transport and financial institutions, such as the African Civil Aviation Commission, the African Airlines Association, the Union of African Railways, on various issues of transport and communications development in Africa.

2. Parliamentary services

Parliamentary documentation: two reports to the North African Transport Committee and its subsidiary organs on: ECA's contribution to the implementation of the Committee's work programme; the establishment of the Trans-African Highway Bureau; report to an intergovernmental meeting of African Port Experts and Senior Officials on the present status of and steps to be taken to promote future cooperation among African ports.

3. Published materials

(a) One recurrent publication: Second United Nations Transport and Communications Decade in Africa Newsletter (quarterly);

(b) Twenty-eight non-recurrent publications: guidelines for the improvement of clearing and forwarding operations with a view to facilitating seaborne trade in Africa; guidelines for improvement management of shipping organizations in Africa; guidelines for development of subregional/regional cooperation in shipping in Africa; analysis of present status of African merchant fleet vis-à-vis current trends in shipping technologies; port dues and charges for cargo-handling and their impact on port efficiency; guidelines on improving coordination among the ports and the port users; guidelines on improvement of performance of waterway craft in Africa; guidelines on the improvement of the efficiency of inland water ports in Africa; guidelines on the improvement of operational efficiency of inland water transport in Africa; guidelines on the improvement of the navigability of inland

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* High priority.

waterways; measures to improve air transport activities and services in Africa; efficiency and performance of maintenance and repair workshops for rolling stock in African railway networks; improvement of railway services and support for the development of inter-State railway transport through the implementation of programmes for the rehabilitation, strengthening and modernization of railways and rolling stock in Africa; ways of strengthening subregional cooperation with a view to pooling the rational utilization of existing capacities with regard to maintenance and repair equipments for railway operation and for promoting the manufacture of spare parts for Africa; review of road transit charges in the various subregions; economic evaluation of selected substandard sections of the Trans-African highways; development of standardized maintenance management systems; introduction of effective axle load control systems; guidelines on the establishment of inland container terminals along the main transport corridors in Africa; guidelines on the development of human resources capabilities in the field of freight forwarding; guidelines on the establishment of multimodal transport operations in Africa; guidelines on the development of efficient transport chains along the transit corridors; development of transport training and research institutions; the introduction of policy action planning for the transport sector; planning concepts of digital networks; the status of the development of African telecommunications networks; the introduction of postal banks in Africa; guidelines for improving intra-African mail routing plans.

4. An ad hoc expert group meeting to review guidelines on development of subregional cooperation in shipping in Africa.

5. Operational activities*

(a) Advisory services on shipping policy; improvement of port planning organization and management; harmonization of port regulations; inland water transport; improvement of railway services; air transport policy formulation identification and evaluation of project; setting up of national road safety councils; use of the United Nations Convention on Frontier Control of Goods; development of general and multimodal transport; development of telecommunications; development of postal services; low cost engineering countermeasures to road accident black spots; application of facilitation instruments for international road traffic; the use of policy action planning for the transport sector;

(b) Two field projects on: second United Nations Transport and Communications Decade for Africa; manufacture of equipment for road, rail, maritime and inland water transport in Africa.

6. Coordination, harmonization and liaison: coordination with International Maritime Organizations, International Labour Organisation, International Civil Aviation, International Telecommunication Union, Universal Postal Union, in the areas of transport, telecommunication and postal planning and policy.

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* High priority.

Resource requirements (at revised 1991 rates)

Reclassification of post

23.80 The reclassification of the post of the Chief of the Transport Operations Section in the Transport, Communications and Tourism Division from P-4 to the P-5 level is proposed in view of the supervisory responsibilities attached to the post.

Consultants

23.81 The estimated requirements of $18,400 relate to specialized expertise required in preparation of publications under the work programme.

Ad hoc expert group

23.82 The proposed provision ($19,500) is for the ad hoc group meeting to review guidelines on development of subregional cooperation in shipping in Africa.

Travel of staff

23.83 The estimated requirements of $118,900 relate to travel to service meetings of intergovernmental organs under the programme ($29,200), participation in activities and consultations with regional intergovernmental transport and financial institutions and organizations ($37,000) and collecting data for preparation of reports and publication and providing advisory services to Member States ($52,700).

20. Tourism

TABLE 23.46. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	-	108.0	-	108.0	8.4	116.4
Consultants	-	18.0	-	18.0	2.5	20.5
Common staff costs	-	61.8	-	61.8	4.8	66.6
Travel of staff	-	10.1	-	10.1	1.5	11.6
Total	-	197.9	-	197.9	17.2	215.1

(2) Extrabudgetary resources	-
Total	215.1

TABLE 23.47. POST REQUIREMENTS

Tourism

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
P-4	1	1	-	-	-	-	1	1
Total	1	1	-	-	-	-	1	1

Subprogramme 20. Tourism

23.84 Activities will be oriented towards improving the systems and facilities for increasing tourism in Africa. Specific attention will be paid on strengthening intra-African cooperation in this field through the collection and dissemination of information on policies and practices of Member States in developing of tourism industry.

Activities:

1. Parliamentary services

Parliamentary documentation: two reports to the Conference of African Ministers of Tourism on the implementation of Conference resolutions adopted at its third session, and on the development of tourism in Africa.

2. Published material

Three non-recurrent publications: vocational training in the field of tourism; tourism product management in Africa;** the promotion of integrated tourist circuits in Africa.

3. Operational activities: advisory services in the field of tourism.

Resource requirements (at revised 1991 rates)

Consultants

23.85 The estimated requirements of $18,000 is for obtaining specialized expertise in preparation of non-recurrent publications under the programme of work.

Travel of staff

23.86 The estimated requirements of $10,100 relate to trips to collect supplementary information in the preparation of reports and to advisory missions under the programme of work.

** Low priority.

21. Statistical development

TABLE 23.48. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 491.6	61.6	-	1 556.2	132.7	1 688.9
Consultants	-	-	7.7	7.7	0.7	8.4
Common staff costs	853.4	35.2	-	888.6	77.9	966.5
Travel of staff	20.6	6.1	-	26.7	3.8	30.5
External printing and binding	42.9	1.9	-	44.8	6.4	51.2
Total	2 411.5	104.8	7.7	2 524.0	221.5	2 745.5

TABLE 23.48 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	25.7	33.6
Total (a)	25.7	33.6
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
UNDP	1 457.0	1 500.0
UNFPA	1 844.4	1 829.5
ILO	218.0	228.0
Total (c)	3 519.4	3 557.5
Total (a), (b) and (c)	3 545.1	3 591.1
Total		6 336.6

TABLE 23.49. POST REQUIREMENTS

Statistical development

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	1	1	2	2
P-5	1	1	-	-	2	2	3	3
P-4	4	4	-	-	8	8	12	12
P-3	4	4	-	-	-	1	4	5
P-2/1	2	2	-	-	-	-	2	2
Total	12	12	-	-	11	12	23	24
Other categories								
Local level	16	16	-	-	8	9	24	25
Total	16	16	-	-	8	9	24	25
Grand total	28	28	-	-	19	21	47	49

Subprogramme 21. Statistical development

23.87 Activities will be designed to assist African countries in establishing and/or developing a durable infrastructure for the collection, processing, analysis and dissemination of integrated demographic, social, economic and environment statistics; to develop the statistical data required for planning, monitoring and evaluating social and economic development; to provide continuous support for developing national data-processing capabilities, especially by enhancing the utilization of micro-computers; and, to promote the improvement of the quality, relevance, timeliness and intercountry comparability of the data being collected.

Activities:

1. Parliamentary services

Parliamentary documentation: seven reports to the Joint Conference of African Planners, Statisticians and Demographers on: ECA statistical activities during 1990-1991 and future work programme;* statistical requirements for monitoring and evaluating short-term policy reforms and long-term development programmes;* progress and problems in the implementation of the Plan of Action for Statistical Development in Africa in the 1990s;* progress made in the revision of the United Nations system of national accounts;* the implementation of International Trade Commodity Classifications in African countries; integration of economic, social and environment statistics: sources and methods; priorities for energy statistics in Africa, with special emphasis on new and renewable sources of energy.

2. Published materials

(a) Nine recurrent publications: Statistical Newsletter (four issues); directory of African Statisticians; directory of electronic data-processing centres and experts in Africa; African Statistical Yearbook: 1990-1991 issue (vols. I and II);* African socio-economic indicators (annual); bibliography of African statistical publications; Foreign Trade Statistics for Africa, series A: direction of total trade; Foreign Trade Statistics for Africa, series C: summary tables; African compendium on environment statistics;

(b) Ten non-recurrent publications: assessment of the use of trained statisticians in Africa as a result of the 15 years' implementation of the Statistical Training Programme for Africa; statistical training programme for Portuguese-speaking African countries: selected issues; vertical and horizontal collaboration with respect to data processing among the different organizational units in national statistical offices; development of national statistical databases and impact of new technology on statistical computing in the region; wholesale price indices of African countries; status, methods of compilation and analysis and some suggestions for their improvement; alternatives to population censuses in the provision of small areas statistics; selected issues on concepts, definitions and classifications used in population censuses and demographic surveys in Africa; applications and analysis of household survey data of particular relevance to the Africa region; environmental accounting in Africa; improvement of

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* High priority.

informal sector statistics in Africa, with special emphasis on the measurement of women's contribution in the sector;

(c) Technical material: computer printouts of annual statistical indicators in: international trade, national accounts, commodity prices, sectoral deflators/inflators for national accounts; public finance, agriculture, transport and communications, tourism, industry, energy, construction, environment, demographic and social indicators; Statistical Annex to the Survey of Economic and Social Conditions in Africa; development and maintenance of ECA statistical database.

3. Information materials and services: wall charts;** press release for African Statistics Day - 18 November.

4. Operational activities

(a) Advisory missions, in support of programmes on: statistical development and training at national, subregional and regional levels; development and maintenance of national statistical databases; improvement of international trade statistics; applying the revised United Nations system of national accounts and improving the quality of the basic economic statistics needed for their compilation as well as development policy formulation and planning; setting up integrated systems of industrial, energy and construction statistics and improving the coverage and timeliness of these data; improving demographic and social statistics, with special emphasis on improvement of data on women, children, youth and the disabled; establishing or improving environment statistics in national statistical offices;

(b) Group training: four workshops (XB) on: the development of national and regional statistical databases; household surveys; implementation of the revised United Nations system of national accounts;* the biennial meeting of directors of Centres participating in the statistical training programme for Africa;

(c) Field projects on statistical development programme for Africa; regional advisory service in demographic statistics.

5. Coordination, harmonization and liaison: contribution to activities of the ACC Subcommittee on Statistical Activities; and other technical coordination meetings of the United Nations system.

** Low priority.

* High priority.

Resource requirements (at revised 1991 rates)

Consultants

23.88 The proposed provisions ($7,700) relate to specialized expertise required in the preparation of a publication on environment statistics.

Travel of staff

23.89 The estimated requirements of $26,700 relate to missions of consultations and participations in inter-agency meetings on statistical issues, and trips to collect supplementary information in the preparation of reports and publications.

External printing and binding

23.90 The estimated requirements under this heading ($44,800) relate to the publication of African Statistical Yearbook and Foreign Trade Statistics for Africa.

C. Programme support

TABLE 23.50. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	10 167.2	738.2	230.8	11 136.2	1 050.4	12 186.6
Temporary assistance	1 489.1	65.5	(75.0)	1 479.6	210.4	1 690.0
Consultants	6.4	0.3	-	6.7	0.9	7.6
Overtime	175.7	7.7	-	183.4	26.0	209.4
Temporary posts	250.6	10.4	-	261.0	22.1	283.1
Common staff costs	6 281.9	74.3	132.0	6 488.2	645.9	7 134.1
Travel of staff	311.0	3.2	(20.2)	294.0	41.6	335.6
Staff training	200.7	8.9	760.7	970.3	138.0	1 108.3
External printing and binding	33.9	1.5	-	35.4	5.0	40.4
Rental and maintenance of premises	594.0	26.2	(100.0)	520.2	74.0	594.2
Utilities	682.9	47.6	(100.0)	630.5	89.6	720.1
Rental of furniture and equipment	635.8	5.9	90.0	731.7	104.0	835.7
Communications	1 331.8	58.6	(215.0)	1 175.4	167.2	1 342.6
Official functions	16.1	0.7	-	16.8	2.4	19.2
Miscellaneous services	424.0	18.6	-	442.6	63.0	505.6
Supplies and materials	1 696.1	74.7	(100.0)	1 670.8	237.6	1 908.4
Furniture and equipment	1 964.4	(1 607.5)	200.0	556.9	79.2	636.1
Total	26 261.6	(465.2)	803.3	26 599.7	2 957.3	29 557.0

TABLE 23.50 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	3 977.9	4 204.6
Total (a)	3 977.9	4 204.6
(b) Substantive activities	-	-
Total (b)	-	-
(c) Operational projects		
Bilateral sources	305.5	346.0
Total (c)	305.5	346.0
Total (a), (b) and (c)	4 283.4	4 550.6
	Total	34 107.6

TABLE 23.51. POST REQUIREMENTS

Programme support

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	2	2	-	-	-	-	2	2
P-5	7	8	1	1	2	2	10	11
P-4	10	11	-	-	3	3	13	14
P-3	22	23	1	1	6	6	29	30
P-2/1	12	12	-	-	2	2	14	14
Total	53	56	2	2	13	13	68	71
Other categories								
Local level	258	258	2	2	51	45	311	305
Total	258	258	2	2	51	45	311	305
Grand total	311	314	4	4	64	58	379	376

23.91 This subsection encompasses information services, conference and library services, management of technical cooperation and administration and common services.

Activities:

1. Information services

Services to be provided relate to ECA activities, as well as those undertaken jointly with the Department of Public Information of the Secretariat (DPI), including issuance of: (i) ECA at a Glance; (ii) weekly Africa Hall News; (iii) ECA Quarterly; (iv) booklet: ECA Today; (v) information sheets; (vi) press releases, and organizing exhibits (23 each year); film and video cassette shows, guided tours, lectures, seminars and commemorative programmes on special events. Other activities to be undertaken are liaison with the news media (including press conferences and interviews), governmental and non-governmental organizations, educational institutions, libraries and other local redisseminators of information as well as provision of information on ECA activities for inclusion in regular worldwide United Nations programmes and regional media channels.

2. Conference and library services

Activities will include the provision of conference services to meetings of the policy-making bodies of ECA, their subsidiary bodies, and other intergovernmental meetings to be held under ECA auspices; the editing, translation, and printing of documents and publications; and the provision of library services to be provided by the Division of Administration and Conference Services.

The following policy-making organs and their subsidiary bodies will receive services:

(i) Conference of Ministers 1/ (seventeenth and eighteenth sessions, 1992, 1993);

(ii) Technical Preparatory Committee of the Whole (1992, 1993);

(iii) Joint Conference of African Planners, Statisticians and Demographers (1992), preceded by its Committee of Planners, Statisticians and Demographers (1992);

(iv) Intergovernmental Meeting of Planners, Statisticians and Demographers (1993);

(v) Conference of African Ministers of Finance (1992 and 1993);

(vi) Joint Intergovernmental Regional Committee on Human Settlements and Environment (1993);

(vii) Technical Advisory Committee for the Development of Nuclear Science and Technology in Africa (1992, 1993);

1/ The Conference of Ministers constitutes "the Commission" when it is in session.

(viii) African Population Conference (1992);

(ix) Committees of Intergovernmental Experts of the MULPOCs: Lusaka, Niamey, Tangier, Gisenyi and Yaoundé (1992 and 1993);

(x) Regional Conference on Development and Utilization of Mineral Resources in Africa (1993);

(xi) United Nations Regional Cartographic Conference for Africa (1992);

(xii) Committee of the Nile Basin Countries (1993);

(xiii) Conference of Ministers of Trade (1993);

(xiv) Conference of Vice-Chancellors, Presidents and Rectors of Institutions of Higher Learning in Africa (1993);

(xv) Conference of African Ministers of Tourism (1993);

(xvi) Conference of African Ministers of Environment (1993) preceded by its Committee of Experts (1992 and 1993);

(xvii) Conference of African Ministers of Social Affairs (1993), preceded by its Committee of Officials of Social Affairs (1993);

(xviii) Conference of African Ministers of Industry (1993), preceded by its Committee of Experts on Industrialization in Africa (1993);

(xix) Conference of African Ministers of Transport and Communication and Planning (1993), preceded by its Committee of Officials of Transport, Communication and Planning (1993), North African Transport Committee (1992 and 1993), and the Intergovernmental Meeting of African Port Experts and Senior Officials (1992);

(xx) Conference of African Ministers responsible for Human Resources Planning, Development and Utilization (1992 and 1993), preceded by its Committee of Officials for Human Resources Planning, Development and Utilization (1992 and 1993);

(xxi) Technical Committee for Pan-African Development Information System (1993);

(xxii) African Regional Coordinating Committee for the Integration of Women in Development (1992 and 1993);

(xxiii) Conference of Ministers of African Least Developed Countries (1992), preceded by its Committee of Experts of African Least Developed Countries (1992).

3. Management of technical cooperation activities

Services to be provided include the formulation and management and preparation of reports on projects financed from extrabudgetary sources (some 160 projects), promotion of horizontal cooperation activities among African countries, and coordination of relevant interregional activities.

Four reports would be submitted to the ECA Conference of Ministers as follows: ECA as an Executive Agency (annual), utilization of resources of the Trust Fund for African Development, resource requirements under the Trust Fund for

African Development for the biennium 1994-1995. An annual booklet "ECA as an Executing Agency" would be issued.

Advisory services will be provided to Member States and to groups of countries on the identification of opportunities and preparation of project proposals for promoting regional cooperation.

4. Administration and common services

The Division of Administration and Conference Services would provide services in connection with human resources management, financial administration and resource planning, and use of common services to support the implementation of the work programme. Activities will include: (a) recruitment, placement, career development, staff training and staff administration; (b) financial management, control and treasury services; (c) programme planning, budgeting and monitoring; (d) general services, including security and safety, communications, procurement, transportation, management of construction of new ECA facilities, etc.; and (e) electronic data processing.

Resource requirements (at revised 1991 rates)

New posts

23.92 In line with provisions of section II of resolution 45/248 B on strengthening of the ECA Conference Services, it is proposed to establish a new post at the P-4 level for an editor. The incumbent would assume functions of editing ECA documents in its official languages.

23.93 It is proposed to establish one P-3 post within the Division of Administration and Conference Services for a system analyst in connection with the newly established ECA automation system. The incumbent would also assist the Chief of the ECA Automation Unit in managing the system and ensuring its further development.

Redeployment of posts

23.94 In line with provisions of section II of resolution 45/248 B on strengthening of the ECA Conference Services, it is proposed to redeploy to that organizational unit a P-5 post from subprogramme 7, Social development, and one P-2 post within the Division of Administration and Conference Services. The incumbent of the P-5 post would assume responsibilities for planning and organizing ECA meetings and conferences and would also exercise supervisory functions over the newly established Editorial Unit within the Conference Services. The P-2 post would be for editorial functions.

Temporary assistance

23.95 The estimates of $1,479,600 relate to the following activities:

(a) Temporary assistance for meetings ($807,600), which would be required for the servicing of intergovernmental meetings of the Commission and its subsidiary bodies listed in paragraph 23.91 above;

(b) General temporary assistance ($672,000), involving negative growth of $75,000 is for the whole of ECA and will provide for replacement of staff on extended leave and for additional assistance during peak workload periods.

Consultants

23.96 The requested provision under this heading ($6,700) will cover the cost of obtaining outside expertise to teach specialized drafting courses in the context of the staff training programme.

Overtime

23.97 The amount requested ($183,400) relate to work in connection with the servicing of intergovernmental meetings, as well as additional requirements during peak workload periods.

Travel of staff

23.98 The requested provision ($294,000) relates to the substantive servicing of intergovernmental meetings and to travel of administrative staff within and outside the region for coordination and consultations.

Staff training

23.99 The estimated requirements of $970,300 relate to: (a) provision of language training for the ECA staff ($259,600), which comprises a resource growth of $50,000 due to the need to recruit four additional part-time French language teachers; (b) provision for the reviving of training programme for translators/interpreters at ECA in accordance with requirements of section II of resolution 45/248 B ($710,700); this provision comprises costs for contractual training of 15 trainees in educational institutions within Africa, including related travel costs ($86,700), stipends ($459,000) and education fees to be paid to the institutions ($165,000).

External printing and binding

23.100 The provision ($35,400) will cover the publications programme of ECA as a whole.

General operating expenses

23.101 The requirements ($3,517,200), involving negative growth of $325,000, have been estimated on the basis of current experience and past expenditure patterns. They relate to rental and maintenance of premises and equipment, including the newly installed electronic equipment, communications, official functions and other operational requirements of ECA under the programme.

Supplies and materials

23.102 The requirements ($1,670,800) will provide for the purchase of stationery and other expendable and non-expendable office supplies and materials for electronic and data-processing equipment operations, internal reproduction, public information and training; it will also provide for library books and supplies and subscriptions to publications and technical periodicals.

Furniture and equipment

23.103 The estimated requirements ($556,900) will provide for replacement of existing furniture and office equipment in accordance with the normal replacement schedule. The increase of $200,000 relate to a need for new office furniture.